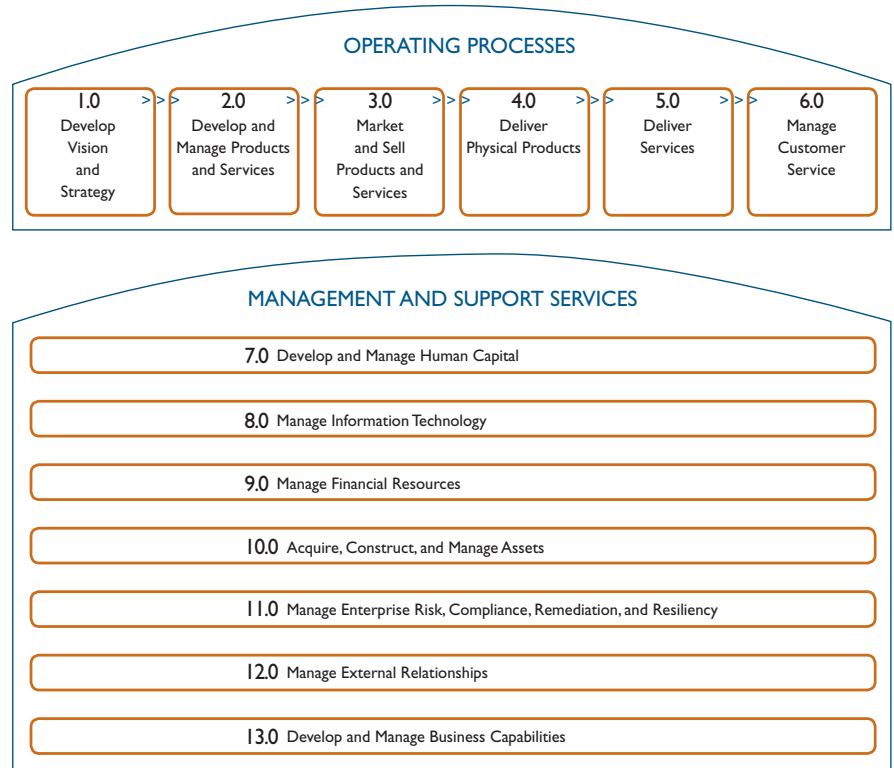# CROSS INDUSTRY PROCESS CLASSIFICATION FRAMEWORK®

Version 7.2.0

OVERVIEW

Cross Industry Process Classification Framework® (PCF) is a taxonomy of cross-functional business processes intended to allow the objective comparison of organizational performance within and among organizations. The PCF was developed by APQC and its member companies as an open standard to facilitate improvement through process management and benchmarking, regardless of industry, size, or location. The PCF organizes operating and management processes into 13 enterprise-level categories, including process groups and more than 1,000 processes and associated activities. The PCF, its associated measures, and definitions are available for download at no charge at www.apqc.org/pcf.

OPERATING PROCESSES

| 1.0 Develop Vision and Strategy | 2.0 Develop and Manage Products and Services | 3.0 Market and Sell Products and Services | 4.0 Deliver Physical Products | 5.0 Deliver Services | 6.0 Manage Customer Service |

MANAGEMENT AND SUPPORT SERVICES

7.0 Develop and Manage Human Capital

8.0 Manage Information Technology

9.0 Manage Financial Resources

10.0 Acquire, Construct, and Manage Assets

11.0 Manage Enterprise Risk, Compliance, Remediation, and Resiliency

12.0 Manage External Relationships

13.0 Develop and Manage Business Capabilities

THE FRAMEWORK FOR PROCESS IMPROVEMENT

Experience shows that the potential of benchmarking to drive dramatic improvement lies squarely in making out-of-the-box comparisons and searching for insights not typically found within intra-industry paradigms. To enable this beneficial benchmarking, the APQC Process Classification Framework (PCF)® serves as a high-level, industry-neutral enterprise process model that allows organizations to see their business processes from a cross-industry viewpoint. The cross-industry framework has experienced more than 20 years of creative use by thousands of organizations worldwide. The PCF provides the foundation for APQC's Open Standards Benchmarking® (OSB) database and the work of its advisory council of global industry leaders. Each version of the PCF will continue to be enhanced as the OSB database further develops definitions, processes, and measures. The PCF and associated measures and benchmarking surveys are available for download from the Open Standards Benchmarking web site at www.apqc.org/osb.

HISTORY

The cross-industry Process Classification Framework® was originally envisioned as a taxonomy of business processes and a common language through which APQC member organizations could benchmark their processes. The initial design involved APQC and more than 80 organizations with a strong interest in advancing the use of benchmarking in the United States and worldwide. Since its inception in 1992, the PCF has seen updates to most of its content. These updates keep the framework current with the ways that organizations do business around the world. In 2014, APQC worked to enhance the cross-industry PCF and updated a number of industry-specific process classification frameworks.

The PCF is written in United States English language format.

APQC

LOOKING FORWARD

The cross-industry and industry Process Classification Frameworks are evolving models, which APQC will continue to enhance and improve regularly. Thus, APQC encourages comments, suggestions, and more importantly, the sharing of insights from having applied the PCF within your organization. Share your suggestions and experiences with the PCF by e-mailing pcf_feedback@apqc.org.

ABOUT APQC

An internationally recognized resource for process and performance improvement, APQC helps organizations adapt to rapidly changing environments, build new and better ways to work, and succeed in a competitive marketplace. With a focus on productivity, knowledge management, benchmarking, and quality improvement initiatives, APQC works with its member organizations to identify best practices; discover effective methods of improvement; broadly disseminate findings; and connect individuals with one another and the knowledge, training, and tools they need to succeed. Founded in 1977, APQC is a member-based non profit serving organizations around the world in all sectors of business, education, and government. APQC is also a proud winner of the 2003, 2004, 2008, 2012, and 2013 North American Most Admired Knowledge Enterprises (MAKE) awards. This award is based on a study by Teleos, a European-based research firm, and the KNOW network.

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PCF LEVELS EXPLAINED

Level 1 - Category — 10.0 Manage Enterprise Risk, Compliance, Remediation and Resiliency (16437)

Represents the highest level of process in the enterprise, such as Manage customer service, Supply chain, Financial organization, and Human resources.

Level 2 - Process Group — 10.1 Manage enterprise risk (17060)

Indicates the next level of processes and represents a group of processes. Perform after sales repairs, Procurement, Accounts payable, Recruit/source, and Develop sales strategy are examples of process groups.

Level 3 - Process — 10.1.4 Manage business unit and function risk (17061)

A process is the next level of decomposition after a process group. The process may include elements related to variants and rework in addition to the core elements needed to accomplish the process.

Level 4 - Activity — 10.1.4.3 Develop mitigation plans for risks (16458)

Indicates key events performed when executing a process. Examples of activities include Receive customer requests, Resolve customer complaints, and Negotiate purchasing contracts.

Level 5 - Task — 10.1.4.3.1 Assess adequacy of insurance cover (18129)

Tasks represent the next level of hierarchical decomposition after activities. Tasks are generally much more fine grained and may vary widely across industries. Examples include: Create business case and obtain funding and Design recognition and reward approaches.

PROCESS ELEMENT NUMBERING SCHEME

The PCF identifies each process element using a unique 5-digit reference number following the name of the process element.[i.e., **(16437)**, **(17060)**, **(17061) (16458)**, **(18129)**, shown in the above graphic]. This number will always refer to the conceptual definition of the process element. The actual process elements and actual definition may change, but conceptually the decomposition will remain consistent considering the entire scope of the PCF. A new 5-digit number will be assigned to a process element if its definition substantially changes.

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6.5.3.3 Solicit customer feedback on cross-channel experience (20117)

6.5.3.4 Analyze product and service satisfaction data and identify improvement opportunities (11240)

6.5.3.5 Provide feedback and insights to appropriate teams (product design/development, marketing, manufacturing) (11241)

6.5.4 Evaluate and manage warranty performance (12672)

6.5.4.1 Measure customer satisfaction with warranty handling and resolution (20118)

6.5.4.2 Monitor and report on warranty management metrics (12676)

6.5.4.3 Identify improvement opportunities (20119)

6.5.4.4 Identify opportunities to eliminate warranty waste (12674)

6.5.4.5 Investigate fraudulent claims (20120)

6.5.5 Evaluate recall performance (20121)

7.0   Develop and Manage Human Capital (10007)

7.1   Develop and manage human resources planning, policies, and strategies (17043)

    7.1.1   Develop human resources strategy (20958)

        7.1.1.1   Identify strategic HR needs (10418)

        7.1.1.2   Define HR and business function roles and accountability (10419)

        7.1.1.3   Determine HR costs (10420)

        7.1.1.4   Establish HR measures (10421)

        7.1.1.5   Communicate HR strategies (10422)

        7.1.1.6   Develop strategy for HR systems/technologies/tools (10432)

        7.1.1.7   Manage employer branding (20606)

    7.1.2   Develop and implement workforce strategy and policies (17045)

        7.1.2.1   Gather skill requirements according to corporate strategy and market environment (10423)

        7.1.2.2   Plan employee resourcing requirements per business unit/organization (10424)

        7.1.2.3   Develop compensation plan (10425)

            7.1.2.3.1   Establish incentive plan (10210)

        7.1.2.4   Develop succession plan (10426)

        7.1.2.5   Develop high performers/leadership programs (16938)

        7.1.2.6   Develop employee diversity plan (10427)

        7.1.2.7   Develop training program (11622)

        7.1.2.8   Develop recruitment program (11623)

        7.1.2.9   Develop other HR programs (10428)

        7.1.2.10   Develop HR policies (10429)

        7.1.2.11   Administer HR policies (10430)

        7.1.2.12   Plan employee benefits (10431)

        7.1.2.13   Develop workforce strategy models (10433)

        7.1.2.14   Implement workforce strategy models (20122)

    7.1.3   Monitor and update strategy, plans, and policies (10417)

        7.1.3.1   Measure realization of objectives (10434)

        7.1.3.2   Measure contribution to business strategy (10435)

        7.1.3.3   Communicate plans and provide updates to stakeholders (10436)

        7.1.3.4   Review and revise HR plans (10438)

    7.1.4   Develop competency management models (17046)

7.2   Recruit, source, and select employees (10410)

    7.2.1   Manage employee requisitions (10439)

        7.2.1.1   Align staffing plan to work force plan and business unit strategies/resource needs (10445)

        7.2.1.2   Develop and maintain job descriptions (10447)

        7.2.1.3   Open job requisitions (10446)

        7.2.1.4   Post job requisitions (10448)

        7.2.1.5   Modify job requisitions (10450)

        7.2.1.6   Notify hiring manager (10451)

        7.2.1.7   Manage requisition dates (10452)

    7.2.2   Recruit/Source candidates (10440)

        7.2.2.1   Determine recruitment methods and channels (10453)

        7.2.2.2   Perform recruiting activities/events (10454)

        7.2.2.3   Manage recruitment vendors (10455)

        7.2.2.4   Manage employee referral programs (17047)

        7.2.2.5   Manage recruitment channels (17048)

    7.2.3   Screen and select candidates (20123)

        7.2.3.1   Identify and deploy candidate selection tools (10456)

        7.2.3.2   Interview candidates (10457)

        7.2.3.3   Test candidates (10458)

        7.2.3.4   Select and reject candidates (10459)

    7.2.4   Manage new hire/re-hire (10443)

        7.2.4.1   Draw up and make offer (10463)

        7.2.4.2   Negotiate offer (10464)

        7.2.4.3   Hire candidate (10465)

    7.2.5   Manage applicant information (10444)

        7.2.5.1   Obtain candidate background information (10460)

        7.2.5.2   Create applicant record (10466)

        7.2.5.3   Manage/track applicant data (10467)

            7.2.5.3.1   Complete position classification and level of experience (20124)

        7.2.5.4   Archive and retain records of non-hires (10468)

7.3   Manage employee on boarding, development, and training (20599)

    7.3.1   Manage employee orientation and deployment (10469)

        7.3.1.1   Create/maintain employee on-boarding program (10474)

            7.3.1.1.1   Develop employee induction program (10477)

            7.3.1.1.2   Maintain/Update employee induction program (10478)

        7.3.1.2   Evaluate the effectiveness of the employee on-boarding program (11243)

        7.3.1.3   Execute on-boarding program (17050)

    7.3.2   Manage employee performance (10470)

        7.3.2.1   Define employee performance objectives (10479)

        7.3.2.2   Review, appraise, and manage employee performance (10480)

        7.3.2.3   Evaluate and review performance program (10481)

    7.3.3   Manage employee development (10472)

        7.3.3.1   Define employee development guidelines (10487)

        7.3.3.2   Develop employee career plans and career paths (10488)

        7.3.3.3   Manage employee skill and competency development (17051)

7.3.4   Develop and train employees (10473)

    7.3.4.1   Align employee with organization development needs (10490)

    7.3.4.2   Define employee competencies (16940)

    7.3.4.3   Align learning programs with competencies (10491)

    7.3.4.4   Establish training needs by analysis of required and available skills (10492)

    7.3.4.5   Develop, conduct, and manage employee and/ or management training programs (10493)

    7.3.4.6   Manage examinations and certifications (20125)

        7.3.4.6.1   Liaise with external certification authorities (20126)

        7.3.4.6.2   Administer certification tests (20127)

        7.3.4.6.3   Appraise experience qualifications (20128)

        7.3.4.6.4   Administer certificate issue and maintenance (20129)

7.4   Manage employee relations (17052)

7.4.1   Manage labor relations (10483)

7.4.2   Manage collective bargaining process (10484)

7.4.3   Manage labor management partnerships (10485)

7.4.4   Manage employee grievances (10531)

7.5   Reward and retain employees (10412)

7.5.1   Develop and manage reward, recognition, and motivation programs (10494)

    7.5.1.1   Develop salary/compensation structure and plan (10498)

    7.5.1.2   Develop benefits and reward plan (10499)

    7.5.1.3   Perform competitive analysis of benefit and rewards (10500)

    7.5.1.4   Identify compensation requirements based on financial, benefits, and HR policies (10501)

    7.5.1.5   Administer compensation and rewards to employees (10502)

    7.5.1.6   Reward and motivate employees (10503)

7.5.2   Manage and administer benefits (10495)

    7.5.2.1   Deliver employee benefits program (10504)

    7.5.2.2   Administer benefit enrollment (10505)

    7.5.2.3   Process claims (10506)

    7.5.2.4   Perform benefit reconciliation (10507)

7.5.3   Manage employee assistance and retention (10496)

    7.5.3.1   Deliver programs to support work/life balance for employees (10508)

    7.5.3.2   Develop family support systems (10509)

    7.5.3.3   Review retention and motivation indicators (10510)

    7.5.3.4   Review compensation plan (10511)

7.5.4   Administer payroll (10497)

7.6   Redeploy and retire employees (10413)

7.6.1   Manage promotion and demotion process (10512)

7.6.2   Manage separation (10513)

7.6.3   Manage retirement (10514)

7.6.4   Manage leave of absence (10515)

7.6.5   Develop and implement employee outplacement (10516)

7.6.6   Manage workforce scheduling (20132)

    7.6.6.1   Receive required resources/skills and capabilities (20133)

    7.6.6.2   Manage resource deployment (10517)

7.6.7   Relocate employees and manage assignments (17055)

    7.6.7.1   Manage expatriates (10520)

7.7   Manage employee information and analytics (17056)

7.7.1   Manage reporting processes (10522)

7.7.2   Manage employee inquiry process (10523)

7.7.3   Manage and maintain employee data (10524)

7.7.4   Manage human resource information systems HRIS (10525)

7.7.5   Develop and manage employee metrics (10526)

7.7.6   Develop and manage time and attendance systems (10527)

7.7.7   Manage/Collect employee suggestions and perform employee research (10530)

7.8   Manage employee communication (17057)

7.8.1   Develop employee communication plan (10529)

7.8.2   Conduct employee engagement surveys (16944)

7.9   Deliver employee communications (10532)

8.0   Manage Information Technology (IT) (10008)

8.1   Manage the business of information technology (10563)

8.1.1   Understand IT customer needs (20609)
- 8.1.1.1   Understand IT customer communities (20610)
- 8.1.1.2   Assess IT customer operational capabilities (20611)

8.1.2   Identify IT customer transformation needs (20612)
- 8.1.2.1   Understand business requirements for IT capabilities (20613)
- 8.1.2.2   Understand IT landscape(20614)
- 8.1.2.3   Develop IT visioning (20615)
- 8.1.2.4   Outline IT service expectations (20616)

8.1.3   Plan and communicate IT services (20617)
- 8.1.3.1   Manage IT customer expectations (20618)
- 8.1.3.2   Define future IT services (20619)
- 8.1.3.3   Determine IT performance indicators (20620)
- 8.1.3.4   Create IT marketing messages (20621)
- 8.1.3.5   Create IT service marketing plan (20622)

8.1.4   Provide IT transformation guidance (20623)
- 8.1.4.1   Develop IT transformation plans (20624)
- 8.1.4.2   Collect IT customer requirements (20625)
- 8.1.4.3   Analyze IT customer requirements (20937)
- 8.1.4.4   Identify and prioritize IT opportunities (20626)
- 8.1.4.5   Facilitate solution design activities (20627)
- 8.1.4.6   Prioritize IT outcomes (20628)
- 8.1.4.7   Develop business cases (20629)
- 8.1.4.8   Support business case (20630)
- 8.1.4.9   Develop transformation roadmap (20631)

8.1.5   Develop and manage IT service levels (20632)
- 8.1.5.1   Understand IT service requirements (20633)
- 8.1.5.2   Forecast IT service demand (20634)
- 8.1.5.3   Maintain IT services catalog (20635)
- 8.1.5.4   Define service level agreement (20636)
- 8.1.5.5   Maintain IT customer contracts (20637)
- 8.1.5.6   Negotiate and establish service level agreements (20638)
- 8.1.5.7   Develop and maintain improvement processes (20640)

8.1.6   Manage IT customer relationships (20641)
- 8.1.6.1   Establish relationship management mechanisms (20642)
- 8.1.6.2   Understand IT customer strategy (20643)
- 8.1.6.3   Understand IT customer environment (20644)
- 8.1.6.4   Communicate IT capabilities (20645)
- 8.1.6.5   Manage IT requirements(20646)

8.1.7   Analyze service performance (20648)
- 8.1.7.1   Assess SLA compliance (20649)
- 8.1.7.2   Triage SLA compliance issues (20650)
- 8.1.7.3   Collect feedback about IT products and services (20647)
- 8.1.7.4   Synthesize and distribute IT performance information (20938)

8.2   Develop and manage IT business strategy (20652)

8.2.1   Define business technology and governance strategy (20653)
- 8.2.1.1   Build and maintain IT strategic intelligence (20654)
- 8.2.1.2   Monitor and map current and emerging technologies (20655)
- 8.2.1.3   Define and communicate digital transformation strategy (20656)
- 8.2.1.4   Develop IT strategic alignment (20657)
- 8.2.1.5   Articulate IT alignment principles (20658)
- 8.2.1.6   Maintain IT strategic alignment (20659)

8.2.2   Manage IT portfolio strategy (20660)
- 8.2.2.1   Establish and validate IT value criteria (20661)
- 8.2.2.2   Determine IT portfolio investment balance (20662)
- 8.2.2.3   Evaluate proposed IT investment projects (20663)
- 8.2.2.4   Prioritize IT projects (20664)
- 8.2.2.5   Align IT resources to strategic priorities (20665)
- 8.2.2.6   Align IT portfolio to business objectives (20667)

8.2.3   Define and maintain enterprise architecture (20668)
- 8.2.3.1   Create and publish enterprise architecture principles (20670)
- 8.2.3.2   Establish and operate enterprise architecture governance (20671)
- 8.2.3.3   Research technologies to innovate IT services and solutions (20672)
- 8.2.3.4   Provide input to definition and prioritization of IT projects (20673)

8.2.4   Define IT service management strategy (20674)
- 8.2.4.1   Establish IT service management strategy and goals (20675)
- 8.2.4.2   Identify IT service operating and process requirements (20676)
- 8.2.4.3   Define IT service catalog (20677)
- 8.2.4.4   Establish IT service management framework (20678)
- 8.2.4.5   Define and implement IT service management (20679)
- 8.2.4.6   Define and deploy support service management process tools and methods (20680)
- 8.2.4.7   Monitor and report IT performance (20681)

8.2.5   Control IT management system (20682)
- 8.2.5.1   Determine IT performance measures (20683)
- 8.2.5.2   Define IT control points and assurance procedures governance model (20684)

8.2.5.3　Monitor and analyze overall IT performance (20685)

8.2.5.4　Monitor and analyze IT financial performance (20686)

8.2.5.5　Monitor and analyze IT value and benefits (20687)

8.2.5.6　Optimize IT resource allocation (20688)

8.2.5.7　Manage IT projects and services interdependencies (20689)

8.2.5.8　Report IT service and project performance (20690)

8.2.5.9　Select, deploy, and operate IT performance analytics tools (20692)

8.2.6　Manage IT value portfolio (20693)

8.2.6.1　Assess performance against IT service and project value criteria (20694)

8.2.6.2　Quantify value of IT service and project portfolio investments (20695)

8.2.6.3　Communicate business technology value contribution (20696)

8.2.6.4　Determine and implement IT portfolio adjustments (20697)

8.2.7　Define and manage technology innovation (20699)

8.2.7.1　Establish selection criteria for research initiatives (20700)

8.2.7.2　Analyze emerging technology concepts (20701)

8.2.7.3　Identify technology concepts and capabilities (20702)

8.2.7.4　Execute IT research projects (20703)

8.2.7.5　Evaluate IT research project outcomes (20939)

8.2.7.6　Identify and promote viable concepts (20704)

8.2.7.7　Develop and plan IT investment projects (20705)

8.3　Develop and manage IT resilience and risk (20706)

8.3.1　Develop IT compliance, risk, and security strategy (20707)

8.3.1.1　Determine and evaluate IT regulatory and audit requirements (20708)

8.3.1.2　Understand business unit risk tolerance (20940)

8.3.1.3　Establish IT risk tolerance (20709)

8.3.1.4　Establish risk ownership (20710)

8.3.1.5　Establish and maintain risk management roles (20711)

8.3.1.6　Establish compliance objectives (20712)

8.3.1.7　Identify systems to support compliance (20941)

8.3.1.8　Identify and evaluate IT risk (20713)

8.3.1.9　Evaluate IT-related risks resiliency (20714)

8.3.1.10　Create IT risk mitigation strategies and approaches (20715)

8.3.2　Develop IT resilience strategy (20716)

8.3.2.1　Determine IT delivery resiliency (20717)

8.3.2.2　Determine critical IT risks (20718)

8.3.2.3　Prioritize IT risks (20719)

8.3.2.4　Establish mitigation approaches for IT risks (20720)

8.3.3　Control IT risk, compliance, and security (20721)

8.3.3.1　Evaluate enterprise regulatory and compliance obligations (20722)

8.3.3.2　Analyze IT security threat impact (20723)

8.3.3.3　Create and maintain IT compliance requirements (20724)

8.3.3.4　Create and maintain IT security policies, standards, and procedures (20942)

8.3.3.5　Develop and deploy risk management training (20725)

8.3.3.6　Establish risk reporting capabilities and responsibilities (20726)

8.3.3.7　Establish communication standards (20727)

8.3.3.8　Conduct IT risk and threat assessments (20728)

8.3.3.9　Monitor and manage IT activity risk (20729)

8.3.3.10　Identify, supervise and monitor IT risk mitigation measures (20730)

8.3.4　Plan and manage IT continuity (20731)

8.3.4.1　Evaluate IT continuity (20732)

8.3.4.2　Identify IT continuity gaps (20733)

8.3.4.3　Manage IT business continuity (20734)

8.3.5　Develop and manage IT security, privacy, and data protection (20735)

8.3.5.1　Assess IT regulatory and confidentiality requirements and policies (20736)

8.3.5.2　Create IT security, privacy, and data protection risk governance (20737)

8.3.5.3　Define IT data security and privacy policies, standards, and procedures (20738)

8.3.5.4　Review and monitor physical and logical IT data security measures (20739)

8.3.5.5　Review and monitor application security controls (20740)

8.3.5.6　Review and monitor IT physical environment security controls (20741)

8.3.5.7　Monitor/analyze network intrusion detection data and resolve threats (20742)

8.3.6　Conduct and analyze IT compliance assessments (20743)

8.3.6.1　Conduct projects to enhance IT compliance and remediate risk (20744)

8.3.6.2　Conduct IT compliance control auditing of internal and external services (20745)

8.3.6.3　Perform IT compliance reporting (20746)

8.3.6.4　Identify and escalate IT compliance issues and remediation requirements (20747)

8.3.6.5　Support external audits and reports (20748)

8.3.7　Develop and execute IT resilience and continuity operations (20749)

8.3.7.1　Conduct IT resilience improvement projects (20750)

8.3.7.2　Develop, document, and maintain IT business

continuity planning (20751)

8.3.7.3 Implement and enforce change control procedures (20752)

8.3.7.4 Execute recurring IT service provider business continuity (20753)

8.3.7.5 Provide IT resilience training (20754)

8.3.7.6 Execute recurring IT business operations continuity (20755)

8.3.8 Manage IT user identity and authorization (20756)

8.3.8.1 Support integration of identity and authorization policies (20757)

8.3.8.2 Manage IT user directory (20758)

8.3.8.3 Manage IT user authorization (20759)

8.3.8.4 Manage IT user authentication mechanisms (20760)

8.3.8.5 Audit IT user identity and authorization systems (20761)

8.3.8.6 Respond to IT information security and network breaches (20762)

8.3.8.7 Conduct penetration testing (20763)

8.3.8.8 Audit integration of user identity and authorization systems (20764)

8.4 Manage information (20765)

8.4.1 Define business information and analytics strategy (20766)

8.4.1.1 Establish data, information, and analytic objectives (20767)

8.4.1.2 Establish data, information, and analytic governance (20768)

8.4.1.3 Access IT data/analytic capabilities (20769)

8.4.2 Define and maintain business information architecture (20770)

8.4.2.1 Determine enterprise business information requirements (20771)

8.4.2.2 Define enterprise data models (20772)

8.4.2.3 Identify and understand external data sources (20773)

8.4.2.4 Establish data ownership and stewardship responsibilities (20774)

8.4.2.5 Maintain and evolve enterprise data and information architecture (20775)

8.4.3 Define and execute business information lifecycle planning and control (20776)

8.4.3.1 Define and maintain enterprise information policies, standards, and procedures (20777)

8.4.3.2 Implement and execute data administration responsibilities (20778)

8.4.4 Manage business information content (20779)

8.4.4.1 Monitor and control business information (20780)

8.4.4.2 Maintain business information feeds and repositories (20781)

8.4.4.3 Perform internal usage audits (20782)

8.4.4.4 Implement and administer business information access (20783)

8.5 Develop and manage services/solutions (20784)

8.5.1 Develop service/solution and integration strategy (20785)

8.5.1.1 Determine IT service/solution development (20786)

8.5.1.2 Define IT service/solution development processes/standards (20787)

8.5.1.3 Identify, deploy, and support development methodologies and tools (20788)

8.5.1.4 Establish service component criteria (20789)

8.5.1.5 Understand and select reusable service components (20790)

8.5.1.6 Maintain service component portfolio (20791)

8.5.1.7 Establish development standards exception governance (20792)

8.5.2 Manage service/solution lifecycle planning (20793)

8.5.2.1 Monitor and track emerging technology capabilities (20794)

8.5.2.2 Identify IT services/solutions (20795)

8.5.2.3 Determine IT service/solution approach (20796)

8.5.2.4 Define IT solution lifecycle (20797)

8.5.2.5 Develop IT service/solution "sunset" plans (20798)

8.5.3 Develop and manage service/solution architecture (20799)

8.5.3.1 Assess IT application and infrastructure architecture constraints (20800)

8.5.3.2 Assess business constraints on IT service/ solution (20801)

8.5.3.3 Determine IT component integration requirements (20802)

8.5.3.4 Identify opportunities for IT component reuse (20803)

8.5.3.5 Promote adoption of existing service/solution architecture (20804)

8.5.3.6 Develop and maintain service/solution architectures (20805)

8.5.3.7 Assess IT service/solution architecture conformance (20806)

8.5.3.8 Manage architectural exceptions (20807)

8.5.4 Execute IT service/solution creation and testing (20808)

8.5.4.1 Execute IT service/solution development lifecycle (20809)

8.5.4.1.1 Assess and validate IT service/ solution requirements (20810)

8.5.4.1.2 Create service/solution design (20811)

8.5.4.1.3 Build and test IT service/solution components (20812)

8.5.4.1.4 Integrate IT components and services (20813)

8.5.4.1.5 Execute IT service/solution validation (20814)

8.7.3.1.6   Determine specific problem support procedures (20887)

8.7.4   Develop and manage infrastructure resource planning (20888)

    8.7.4.1   Develop IT service delivery strategy (20889)

    8.7.4.2   Assess IT infrastructure business objectives (20890)

    8.7.4.3   Determine ongoing IT infrastructure capabilities (20891)

    8.7.4.4   Plan IT infrastructure change (20892)

    8.7.4.5   Plan and budget IT license usage volumes (20893)

8.7.5   Define service support planning (20895)

    8.7.5.1   Understand IT support demand patterns (20896)

    8.7.5.2   Determine required support resource levels, responsibilities, and capabilities (20897)

    8.7.5.3   Maintain service support knowledge repository (20898)

    8.7.5.4   Maintain service support learning (20943)

    8.7.5.5   Communicate service support needs (20899)

    8.7.5.6   Define IT escalation mechanisms (20900)

    8.7.5.7   Manage IT service support resources (20901)

    8.7.5.8   Coordinate with external support providers (20902)

    8.7.5.9   Triage IT service delivery incidents (20903)

    8.7.5.10   Monitor IT service support performance (20904)

8.7.6   Develop and manage service delivery operations (20905)

    8.7.6.1   Operate and monitor online systems (20906)

    8.7.6.2   Run and monitor batch job schedule (20907)

    8.7.6.3   Manage service delivery workloads (20908)

    8.7.6.4   Manage infrastructure performance and capacity (20909)

    8.7.6.5   Respond to unplanned operational issues (20910)

    8.7.6.6   Produce and distribute output media (20911)

    8.7.6.7   Monitor IT infrastructure security (20912)

    8.7.6.8   Manage IT infrastructure/data recovery (20913)

8.7.7   Manage infrastructure resource administration (20914)

    8.7.7.1   Manage infrastructure configuration (20915)

    8.7.7.2   Perform infrastructure component maintenance (20916)

    8.7.7.3   Install/configure/upgrade infrastructure components (20917)

    8.7.7.4   Maintain IT asset records (20918)

    8.7.7.5   Administer IT licenses/user agreements (20919)

    8.7.7.6   Provide IT infrastructure service and capabilities (20920)

8.7.8   Operate IT user support (20921)

    8.7.8.1   Triage IT issues/requests (20922)

    8.7.8.2   Provide IT resolution capabilities (20923)

    8.7.8.3   Manage IT user requests (20925)

    8.7.8.4   Escalate IT requests (20926)

    8.7.8.5   Resolve IT issues/requests (20927)

    8.7.8.6   Execute IT continuity and recovery action (20928)

9.0 Manage Financial Resources (17058)

9.1 Perform planning and management accounting (10728)

9.1.1 Perform planning/budgeting/forecasting (10738)

9.1.1.1 Develop and maintain budget policies and procedures (10771)

9.1.1.2 Prepare periodic budgets and plans (10772)

9.1.1.3 Operationalize and implement plans to achieve budget (20135)

9.1.1.4 Prepare periodic financial forecasts (10773)

9.1.1.5 Perform variance analysis against forecasts and budgets (20136)

9.1.2 Perform cost accounting and control (10739)

9.1.2.1 Perform inventory accounting (10774)

9.1.2.2 Perform profit center accounting (14057)

9.1.2.3 Perform cost of sales analysis (10775)

9.1.2.4 Perform product costing (10776)

9.1.2.5 Perform variance analysis (10777)

9.1.2.6 Report on profitability (11175)

9.1.3 Perform cost management (10740)

9.1.3.1 Determine key cost drivers (10778)

9.1.3.2 Measure cost drivers (10779)

9.1.3.3 Determine critical activities (10780)

9.1.3.4 Manage asset resource deployment and utilization (10781)

9.1.4 Evaluate and manage financial performance (10741)

9.1.4.1 Assess customer and product profitability (10782)

9.1.4.2 Evaluate new products (10783)

9.1.4.3 Perform life cycle costing (10784)

9.1.4.4 Optimize customer and product mix (10785)

9.1.4.5 Track performance of new-customer and product strategies (10786)

9.1.4.6 Prepare activity-based performance measures (10787)

9.1.4.7 Manage continuous cost improvement (10788)

9.2 Perform revenue accounting (10729)

9.2.1 Process customer credit (10742)

9.2.1.1 Establish credit policies (10789)

9.2.1.2 Analyze/Approve new account applications (10790)

9.2.1.3 Analyze credit scoring history (14187)

9.2.1.4 Forecast credit scoring requirement (14188)

9.2.1.5 Review existing accounts (10791)

9.2.1.6 Produce credit/collection reports (10792)

9.2.1.7 Reinstate or suspend accounts based on credit policies (10793)

9.2.2 Invoice customer (10743)

9.2.2.1 Maintain customer/product master files (10794)

9.2.2.2 Generate customer billing data (10795)

9.2.2.3 Transmit billing data to customers (10796)

9.2.2.4 Post receivable entries (10797)

9.2.2.5 Resolve customer billing inquiries (10798)

9.2.3 Process accounts receivable (AR) (10744)

9.2.3.1 Establish AR policies (10799)

9.2.3.2 Receive/Deposit customer payments (10800)

9.2.3.3 Apply cash remittances (10801)

9.2.3.4 Prepare AR reports (10802)

9.2.3.5 Post AR activity to the general ledger (10803)

9.2.4 Manage and process collections (10745)

9.2.4.1 Establish policies for delinquent accounts (10804)

9.2.4.2 Analyze delinquent account balances (10805)

9.2.4.3 Correspond/Negotiate with delinquent accounts (10806)

9.2.4.4 Discuss account resolution with internal parties (10807)

9.2.4.5 Process adjustments/write off balances (10808)

9.2.4.6 Perform recovery workout (14007)

9.2.4.7 Manage default accounts (14008)

9.2.5 Manage and process adjustments/deductions (10746)

9.2.5.1 Establish policies/procedures for adjustments (10809)

9.2.5.2 Analyze adjustments (10810)

9.2.5.3 Correspond/Negotiate with customer (10811)

9.2.5.4 Discuss resolution with internal parties (10812)

9.2.5.5 Prepare chargeback invoices (10813)

9.2.5.6 Process related entries (10814)

9.3 Perform general accounting and reporting (10730)

9.3.1 Manage policies and procedures (10747)

9.3.1.1 Negotiate service-level agreements (10815)

9.3.1.2 Establish accounting policies (10816)

9.3.1.3 Publish accounting policies (20604)

9.3.1.4 Establish common financial systems (10818)

9.3.2 Perform general accounting (10748)

9.3.2.1 Maintain chart of accounts (10819)

9.3.2.2 Process journal entries (10820)

9.3.2.3 Process allocations (10821)

9.3.2.4 Process period end adjustments (10822)

9.3.2.5 Post and reconcile intercompany transactions (10823)

9.3.2.6 Reconcile general ledger accounts (10824)

9.3.2.7 Perform consolidations and process eliminations (10825)

9.3.2.8 Prepare trial balance (10826)

9.3.2.9 Prepare and post management adjustments (10827)

9.3.3 Perform fixed-asset accounting (10749)

9.3.3.1 Establish fixed-asset policies and procedures (10828)

9.3.3.2 Maintain fixed-asset master data files (10829)

9.3.3.3 Process and record fixed-asset additions and retires (10830)

9.3.3.4 Process and record fixed-asset adjustments, enhancements, revaluations, and transfers (10831)

9.3.3.5 Process and record fixed-asset maintenance and repair expenses (10832)

9.3.3.6 Calculate and record depreciation expense (10833)

9.3.3.7 Reconcile fixed-asset ledger (10834)

9.3.3.8 Track fixed-assets including physical inventory (10835)

9.3.3.9 Provide fixed-asset data to support tax, statutory, and regulatory reporting (10836)

9.3.4 Perform financial reporting (10750)

9.3.4.1 Prepare business unit financial statements (10837)

9.3.4.2 Prepare consolidated financial statements (10838)

9.3.4.3 Perform business unit reporting/review management reports (10839)

9.3.4.4 Perform consolidated reporting/review of cost management reports (10840)

9.3.4.5 Prepare statements for board review (10841)

9.3.4.6 Produce quarterly/annual filings and shareholder reports (10842)

9.3.4.7 Produce regulatory reports (10843)

9.3.4.8 Perform legal and management consolidation (14074)

9.4 Manage fixed-asset project accounting (10731)

9.4.1 Perform capital planning and project approval (10751)

9.4.1.1 Develop capital investment policies and procedures (10844)

9.4.1.2 Develop and approve capital expenditure plans and budgets (10845)

9.4.1.3 Review and approve capital projects and fixed-asset acquisitions (10846)

9.4.1.4 Conduct financial justification for project approval (10847)

9.4.2 Perform capital project accounting (10752)

9.4.2.1 Create project account codes (10848)

9.4.2.2 Record project-related transactions (10849)

9.4.2.3 Monitor and track capital projects and budget spending (10850)

9.4.2.4 Close/capitalize projects (10851)

9.4.2.5 Measure financial returns on completed capital projects (10852)

9.5 Process payroll (10732)

9.5.1 Report time (10753)

9.5.1.1 Establish policies and procedures (10853)

9.5.1.2 Collect and record employee time worked (10854)

9.5.1.3 Analyze and report paid and unpaid leave (10855)

9.5.1.4 Monitor regular, overtime, and other hours (10856)

9.5.1.5 Analyze and report employee utilization (10857)

9.5.2 Manage pay (10754)

9.5.2.1 Enter employee time worked into payroll system (10858)

9.5.2.2 Maintain and administer employee earnings information (10859)

9.5.2.3 Maintain and administer applicable deductions (10860)

9.5.2.4 Monitor changes in tax status of employees (10861)

9.5.2.5 Process and distribute payments (10862)

9.5.2.6 Process and distribute manual checks (10863)

9.5.2.7 Process period-end adjustments (10864)

9.5.2.8 Respond to employee payroll inquiries (10865)

9.5.3 Manage and process payroll taxes (10755)

9.5.3.1 Develop tax plan (14075)

9.5.3.2 Manage tax plan (14076)

9.5.3.3 Calculate and pay applicable payroll taxes (10866)

9.5.3.4 Produce and distribute employee annual tax statements (10867)

9.5.3.5 File regulatory payroll tax forms (10868)

9.6 Process accounts payable and expense reimbursements (10733)

9.6.1 Process accounts payable (AP) (10756)

9.6.1.1 Verify AP pay file with purchase order vendor master file (10869)

9.6.1.2 Maintain/Manage electronic commerce (10870)

9.6.1.3 Audit invoices and key data in AP system (10871)

9.6.1.4 Approve payments (10872)

9.6.1.5 Process financial accruals and reversals (10873)

9.6.1.6 Process payables taxes (10874)

9.6.1.7 Research/Resolve payable exceptions (10875)

9.6.1.8 Process payments (10876)

9.6.1.9 Respond to AP inquiries (10877)

9.6.1.10 Retain records (10878)

9.6.1.11 Adjust accounting records (10879)

9.6.2 Process expense reimbursements (10757)

9.6.2.1 Establish and communicate expense reimbursement policies and approval limits (10880)

9.6.2.2 Capture and report relevant tax data (10881)

9.6.2.3 Approve reimbursements and advances (10882)

9.6.2.4 Process reimbursements and advances (10883)

9.6.2.5 Manage personal accounts (10884)

9.6.3 Manage corporate credit cards (20929)

9.6.3.1 Establish corporate credit card policies and

approval limits (20930)

9.6.3.2   Establish corporate credit card policies and (20931)

9.6.3.3   Order corporate credit cards (20932)

9.6.3.4   Manage corporate credit card accounts (20933)

9.6.3.5   Approve/Change credit limits (20934)

9.6.3.6   Cancel/Deactivate credit card (20935)

9.7   Manage treasury operations (10734)

9.7.1   Manage treasury policies and procedures (10758)

9.7.1.1   Establish scope and governance of treasury operations (10885)

9.7.1.2   Establish and publish treasury policies (10886)

9.7.1.3   Develop treasury procedures (10887)

9.7.1.4   Monitor treasury procedures (10888)

9.7.1.5   Audit treasury procedures (10889)

9.7.1.6   Revise treasury procedures (10890)

9.7.1.7   Develop and confirm internal controls for treasury (10891)

9.7.1.8   Define system security requirements (10892)

9.7.2   Manage cash (10759)

9.7.2.1   Manage and reconcile cash positions (10893)

9.7.2.2   Manage cash equivalents (10894)

9.7.2.3   Process and oversee electronic fund transfers (EFTs) (10895)

9.7.2.4   Develop cash flow forecasts (10896)

9.7.2.5   Manage cash flows (10897)

9.7.2.6   Produce cash management accounting transactions and reports (10898)

9.7.2.7   Manage and oversee banking relationships (10899)

9.7.2.8   Analyze, negotiate, resolve, and confirm bank fees (10900)

9.7.3   Manage in-house bank accounts (10760)

9.7.3.1   Manage in-house bank accounts for subsidiaries (10901)

9.7.3.2   Manage and facilitate inter-company borrowing transactions (10902)

9.7.3.3   Manage centralized outgoing payments on behalf of subsidiaries (10903)

9.7.3.4   Manage central incoming payments on behalf of subsidiaries (10904)

9.7.3.5   Manage internal payments and netting transactions (10905)

9.7.3.6   Calculate interest and fees for in-house bank accounts (10906)

9.7.3.7   Provide account statements for in-house bank accounts (10907)

9.7.4   Manage debt and investment (10761)

9.7.4.1   Establish investment policy (14079)

9.7.4.2   Manage financial intermediary relationships (10908)

9.7.4.3   Manage liquidity (10909)

9.7.4.4   Manage issuer exposure (10910)

9.7.4.5   Process and oversee debt and investment transactions (10911)

9.7.4.6   Process and oversee foreign currency transactions (10912)

9.7.4.7   Produce debt and investment accounting transaction reports (10913)

9.7.4.8   Process and oversee interest rate transactions (14210)

9.7.5   Monitor and execute risk and hedging transactions (11208)

9.7.5.1   Develop risk management/hedging strategy (12974)

9.7.5.2   Manage interest rate risk (11209)

9.7.5.2.1   Manage interest rate market data (19575)

9.7.5.2.2   Determine interest rate exposure for)all markets (19576)

9.7.5.2.3   Determine interest rate hedge requirements in accordance with risk policy (19577)

9.7.5.2.4   Execute interest rate trades (19578)

9.7.5.3   Manage foreign exchange risk (11210)

9.7.5.3.1   Manage foreign exchange market data (19579)

9.7.5.3.2   Determine foreign exchange exposure for all currencies (19580)

9.7.5.3.3   Determine foreign exchange hedge requirements in accordance with risk policy (19581)

9.7.5.3.4   Execute foreign exchange trades (19582)

9.7.5.3.5   Mange foreign exchange balance sheet risk (19583)

9.7.5.4   Manage exposure risk (11211)

9.7.5.4.1   Determine current customer exposures and limit exceptions (19584)

9.7.5.4.2   Resolve customer exposure limit violations (19585)

9.7.5.4.3   Manage customer collateral (19586)

9.7.5.4.4   Perform annual customer credit reviews (19587)

9.7.5.5   Execute hedging transactions (20137)

9.7.5.5.1   Measure physical positions (19588)

9.7.5.5.2   Establish hedges (19589)

9.7.5.5.3   Unwind hedges (19590)

9.7.5.5.4   Evaluate and refine hedging positions (11213)

9.7.5.5.5   Monitor credit (11215)

9.7.5.6   Produce hedge accounting transactions and reports (11214)

9.7.6   Manage financial fraud/dispute cases (16958)

9.8 Manage internal controls (10735)

9.8.1 Establish internal controls, policies, and procedures (10762)

    9.8.1.1 Establish board of directors and audit committee (10914)

    9.8.1.2 Define and communicate code of ethics (10915)

    9.8.1.3 Assign roles and responsibility for internal controls (10916)

    9.8.1.4 Define business process objectives and risks (11250)

    9.8.1.5 Define entity/unit risk tolerances (11251)

9.8.2 Operate controls and monitor compliance with internal controls policies and procedures (10763)

    9.8.2.1 Design and implement control activities (10917)

    9.8.2.2 Monitor control effectiveness (10918)

    9.8.2.3 Remediate control deficiencies (10919)

    9.8.2.4 Create compliance function (10920)

    9.8.2.5 Operate compliance function (10921)

    9.8.2.6 Implement and maintain controls-related enabling technologies and tools (10922)

9.8.3 Report on internal controls compliance (10764)

    9.8.3.1 Report to external auditors (10923)

    9.8.3.2 Report to regulators, share-/debt-holders, securities exchanges, etc. (10924)

    9.8.3.3 Report to third parties (10925)

    9.8.3.4 Report to internal management (10926)

9.9 Manage taxes (10736)

9.9.1 Develop tax strategy and plan (10765)

    9.9.1.1 Develop foreign, national, state, and local tax strategy (10927)

    9.9.1.2 Consolidate and optimize total tax plan (10928)

    9.9.1.3 Maintain tax master data (10929)

9.9.2 Process taxes (10766)

    9.9.2.1 Perform tax planning/strategy (10930)

    9.9.2.2 Prepare tax returns (10931)

    9.9.2.3 Prepare foreign taxes (10932)

    9.9.2.4 Calculate deferred taxes (10933)

    9.9.2.5 Account for taxes (10934)

    9.9.2.6 Monitor tax compliance (10935)

    9.9.2.7 Address tax inquiries (10936)

9.10 Manage international funds/consolidation (10737)

9.10.1 Monitor international rates (10767)

9.10.2 Manage transactions (10768)

9.10.3 Monitor currency exposure/hedge currency (10769)

9.10.4 Report results (10770)

9.11 Perform global trade services (17059)

9.11.1 Screen sanctioned party list (14090)

9.11.2 Control exports and imports (14091)

9.11.3 Classify products (14092)

9.11.4 Perform currency conversion (19593)

9.11.5 Calculate duty (14093)

9.11.6 Communicate with customs (14094)

9.11.7 Document trade (14095)

9.11.8 Process trade preferences (14096)

9.11.9 Handle restitution (14097)

9.11.10 Prepare letter of credit (14098)

10.0 Acquire, Construct, and Manage Assets (19207)

10.1 Plan and acquire assets (10937)

10.1.1 Develop property strategy and long term vision (10941)

    10.1.1.1 Confirm alignment of property requirements with business strategy (10955)

    10.1.1.2 Appraise the external environment (10956)

    10.1.1.3 Determine build or buy decision (10957)

10.1.2 Plan facility (10943)

    10.1.2.1 Design facility (10958)

    10.1.2.2 Analyze budget (10959)

    10.1.2.3 Select property (10960)

    10.1.2.4 Negotiate terms for facility (10961)

    10.1.2.5 Manage construction or modification to building (10962)

10.1.3 Provide workspace and facilities (10944)

    10.1.3.1 Acquire workspace and facilities (10963)

    10.1.3.2 Change fit/form/function of workspace andfacilities (10964)

10.1.4 Manage facilities operations (10949)

    10.1.4.1 Relocate people (10965)

    10.1.4.2 Relocate material and tools (10966)

10.2 Design and construct productive assets (19208)

10.2.1 Manage capital program for productive assets (19209)

    10.2.1.1 Define capital investment plan (19210)

    10.2.1.2 Monitor capital program (19211)

    10.2.1.3 Secure construction financing (19212)

10.2.2 Design and plan asset construction (20139)

10.2.2.1 Develop construction strategy (19220)

10.2.2.2 Perform construction performance management (11276)

10.2.2.3 Obtain construction permissions (19221)

10.2.2.4 Design assets (19222)

10.2.2.5 Plan construction resources (19223)

10.2.3 Schedule and perform construction work (19229)

10.2.3.1	Schedule construction work (19230)
10.2.3.2	Obtain resources (19231)
10.2.3.3	Construct new assets (19232)
10.2.3.4	Augment existing assets (19233)
10.2.3.5	Renew/Replace assets (19234)

10.2.4 Manage asset construction (19224)

10.2.4.1	Monitor work performance (19225)
10.2.4.2	Undertake construction quality control (19226)
10.2.4.3	Create work and asset records (19227)
10.2.4.4	Manage safety, security, and access to sites (19228)

10.3 Maintain productive assets (19238)

10.3.1 Plan asset maintenance (19239)

10.3.1.1	Develop maintenance strategies (19240)
10.3.1.2	Analyze assets and predict maintenance requirements (10967)
10.3.1.3	Specify maintenance policies (19241)
10.3.1.4	Integrate preventive maintenance into operations schedule (10968)
10.3.1.5	Identify work management tasks & priorities (19242)
10.3.1.6	Conduct resource planning (19243)
10.3.1.7	Create work plans (19244)

10.3.2 Manage asset maintenance (19245)

10.3.2.1	Schedule maintenance work (19246)
10.3.2.2	Obtain required resources (19247)
10.3.2.3	Undertake quality control (19248)
10.3.2.4	Update work and asset records (19249)
10.3.2.5	Manage maintenance work safety (19250)
10.3.2.6	Define maintenance performance targets (19251)
10.3.2.7	Monitor maintenance performance against targets/contracts (19252)

10.3.3 Perform asset maintenance (19253)

10.3.3.1	Perform preventative asset maintenance (10947)
10.3.3.2	Perform routine asset maintenance (19254)
10.3.3.3	Perform corrective asset maintenance and repairs (19255)
10.3.3.4	Identify unplanned maintenance requirements (19256)
10.3.3.5	Perform unplanned maintenance and repairs (19257)

10.4 Maintain productive assets (19238)

10.4.1	Develop exit strategy (10952)
10.4.2	Decommission productive assets (19258)
10.4.3	Perform sale or trade (10953)
10.4.4	Perform abandonment (10954)
10.4.5	Perform waste and hazardous goods management (16970)

11.0 Manage Enterprise Risk, Compliance, Remediation, and Resiliency (16437)

11.1 Manage enterprise risk (17060)

11.1.1 Establish the enterprise risk framework and policies (16439)

11.1.1.1	Determine risk tolerance for organization (16440)
11.1.1.2	Develop and maintain enterprise risk policies and procedures (16441)
11.1.1.3	Identify and implement enterprise risk management tools (16442)
11.1.1.4	Coordinate the sharing of risk knowledge across the organization (16443)
11.1.1.5	Prepare and report enterprise risk to executive management and board (16444)

11.1.2 Oversee and coordinate enterprise risk management activities (16445)

11.1.2.1	Identify enterprise level risks (16446)
11.1.2.2	Assess risks to determine which to mitigate (16447)
11.1.2.3	Develop risk mitigation and management strategy and integrate with existing performance management processes (16448)
11.1.2.4	Verify business unit and functional risk mitigation plans are implemented (16449)
11.1.2.5	Ensure risks and risk mitigation actions are monitored (16450)
11.1.2.6	Report on enterprise risk activities (16451)
11.1.2.7	Coordinate business unit and functional risk management activities (16452)
11.1.2.8	Ensure that each business unit/function follows the enterprise risk management process (16453)
11.1.2.9	Ensure that each business unit/function follows the enterprise risk reporting process (16454)

11.1.3 Manage business unit and function risk (17462)

11.1.3.1	Identify risks (16456)
11.1.3.2	Assess risks using enterprise risk framework policies and procedures (16457)
11.1.3.3	Develop mitigation plans for risks (16458)
11.1.3.3.1	Assess adequacy of insurance coverage (18129)
11.1.3.4	Implement mitigation plans for risks (16459)
11.1.3.5	Monitor risks (16460)
11.1.3.6	Analyze risk activities and update plans (16461)

11.1.3.7   Report on risk activities (16462)

11.2   Manage compliance (17467)

11.2.1   Establish compliance framework and policies (17468)

11.2.1.1   Develop enterprise compliance policies and procedures (17469)

11.2.1.2   Implement enterprise compliance activities (17470)

11.2.1.3   Manage internal audits (14133)

11.2.1.4   Maintain controls-related technologies and tools (14137)

11.2.2   Manage regulatory compliance (16463)

11.2.2.1   Develop regulatory compliance procedures (16464)

11.2.2.2   Identify applicable regulatory requirements (16465)

11.2.2.3   Monitor the regulatory environment for changing or emerging regulations (16466)

11.2.2.4   Assess current compliance position and identify weaknesses or shortfalls therein (16467)

11.2.2.5   Implement missing or stronger regulatory compliance controls and policies (16468)

11.2.2.6   Monitor and test regulatory compliance position and existing controls (16469)

11.2.2.7   Compile and communicate compliance scorecard(s) (19595)

11.2.2.8   Compile and communicate internal and regulatory compliance reports (19596)

11.2.2.9   Maintain relationships with regulators as appropriate (16470)

11.3   Manage remediation efforts (11185)

11.3.1   Create remediation plans (11201)

11.3.2   Contact and confer with experts (11202)

11.3.3   Identify/dedicate resources (11203)

11.3.4   Investigate legal aspects (11204)

11.3.5   Investigate damage cause (11205)

11.3.6   Amend or create policy (11206)

11.4   Manage business resiliency (11216)

11.4.1   Develop the business resilience strategy (11221)

11.4.2   Perform continuous business operations planning (11222)

11.4.3   Test continuous business operations (11223)

11.4.4   Maintain continuous business operations (11224)

11.4.5   Share knowledge of specific risks across other parts of the organization (16471)

12.0   Manage External Relationships (10012)

12.1   Build investor relationships (11010)

12.1.1   Plan, build, and manage lender relations (11035)

12.1.2   Plan, build, and manage analyst relations (11036)

12.1.3   Communicate with shareholders (11037)

12.2   Manage government and industry relationships (11011)

12.2.1   Manage government relations (11038)

12.2.1.1   Assess relationships (12869)

12.2.1.2   Appoint responsible executives (12870)

12.2.1.3   Monitor relationships (12871)

12.2.1.4   Receive input from internal advisors (12872)

12.2.1.5   Receive input from external advisors (12873)

12.2.1.6   Liaise with authorities (12874)

12.2.2   Manage relations with quasi-government bodies (11039)

12.2.2.1   Establish relationships with agencies (12875)

12.2.2.2   Respond to audit inquiries (12876)

12.2.2.3   Maintain documentation of contacts (12877)

12.2.2.4   Plan and manage meetings (12878)

12.2.3   Manage relations with trade or industry groups (11040)

12.2.3.1   Evaluate the requirements for strategic relationships (12879)

12.2.3.2   Monitor the success of the partnerships (12880)

12.2.3.3   Extend or change the relationships (12881)

12.2.4   Manage lobby activities (11041)

12.3   Manage relations with board of directors (11012)

12.3.1   Report financial results (11042)

12.3.2   Report audit findings (11043)

12.4   Manage legal and ethical issues (11013)

12.4.1   Create ethics policies (11044)

12.4.2   Manage corporate governance policies (11045)

12.4.3   Develop and perform preventive law programs (11046)

12.4.4   Ensure compliance (11047)

12.4.4.1   Plan and initiate compliance program (11053)

12.4.4.2   Execute compliance program (11054)

12.4.5   Manage outside counsel (11048)

12.4.5.1   Assess problem and determine work requirements (11056)

12.4.5.2   Engage/Retain outside counsel if necessary (11057)

12.4.5.3   Receive strategy/budget (11058)

12.4.5.4   Receive work product and manage/monitor case and work performed (11059)

12.4.5.5   Process payment for legal services (11060)

12.4.5.6   Track legal activity/performance (11061)

12.4.6   Protect intellectual property (11049)

    12.4.6.1   Manage copyrights, patents, and trademarks (11062)

    12.4.6.2   Maintain intellectual property rights and restrictions (11063)

    12.4.6.3   Administer licensing terms (11064)

    12.4.6.4   Administer options (11065)

12.4.7   Resolve disputes and litigations (11050)

12.4.8   Provide legal advice/counseling (11051)

12.4.9   Negotiate and document agreements/contracts (11052)

12.5   Manage public relations program (11014)

12.5.1   Manage community relations (11066)

12.5.2   Manage media relations (11067)

12.5.3   Promote political stability (11068)

12.5.4   Create press releases (11069)

12.5.5   Issue press releases (11070)

13.0   Develop and Manage Business Capabilities   (10013)

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13.1.1   Establish and maintain process management governance (16379)

    13.1.1.1   Define and manage governance approach (16380)

    13.1.1.2   Establish and maintain process tools and templates (16381)

    13.1.1.3   Assign and support process ownership (16382)

    13.1.1.4   Perform process governance activities (16383)

13.1.2   Define and manage process frameworks (16384)

    13.1.2.1   Establish and maintain process framework (163850)

    13.1.2.2   Identify cross-functional processes (16386)

13.1.3   Define processes (16387)

    13.1.3.1   Scope processes (16388)

    13.1.3.2   Analyze processes (16389)

        13.1.3.2.1   Identify published best practices (20140)

    13.1.3.3   Model and document processes (16390)

    13.1.3.4   Publish processes (16391)

13.1.4   Manage process performance (16392)

    13.1.4.1   Provide process training (16393)

    13.1.4.2   Support process execution (16394)

    13.1.4.3   Measure and report process performance (16395)

        13.1.4.3.1   Identify additional metrics as required (20141)

13.1.5   Improve processes (16396)

    13.1.5.1   Identify and select improvement opportunities (16397)

    13.1.5.2   Manage improvement projects (16398)

    13.1.5.3   Perform continuous improvement activities (16399)

13.2   Manage portfolio, program, and project (16400)

13.2.1   Manage portfolio (16401)

    13.2.1.1   Establish portfolio strategy (16402)

    13.2.1.2   Define portfolio governance (16403)

    13.2.1.3   Monitor and control portfolio (16404)

13.2.2   Manage programs (16405)

    13.2.2.1   Establish program structure and approach (16406)

    13.2.2.2   Manage program stakeholders and partners (16407)

    13.2.2.3   Manage program execution (16408)

    13.2.2.4   Review and report program performance (16409)

13.2.3   Manage projects (16410)

    13.2.3.1   Establish project scope (16411)

        13.2.3.1.1   Identify project requirements and objectives (11117)

        13.2.3.1.2   Identify project resource requirements (16412)

        13.2.3.1.3   Assess culture and readiness for project management approach (11118)

        13.2.3.1.4   Identify appropriate project management methodologies (11119)

        13.2.3.1.5   Create business case and obtain funding (11120)

        13.2.3.1.6   Develop project measures and indicators (11121)

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        13.2.3.2.1   Define roles and resources (11123)

        13.2.3.2.2   Acquire/secure project resources (20142)

        13.2.3.2.3   Identify specific IT requirements (11124)

        13.2.3.2.4   Create training and communication plans (11125)

        13.2.3.2.5   Design recognition and reward approaches (11127)

        13.2.3.2.6   Design and plan launch of project (11128)

        13.2.3.2.7   Deploy the project (11129)

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        13.2.3.3.1   Evaluate impact of project

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           13.2.3.3.3   Manage project scope (16416)

           13.2.3.3.4   Promote and sustain activity and involvement (11132)

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      13.2.3.4   Review and report project performance (16417)

      13.2.3.5   Close projects (16418)

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      13.3.1.1   Define critical-to-quality characteristics (17473)

      13.3.1.2   Define preventive quality activities (17474)

      13.3.1.3   Develop quality controls (17475)

           13.3.1.3.1   Define process steps for controls (or integration points) (17476)

           13.3.1.3.2   Define sampling plan (17477)

           13.3.1.3.3   Identify measurement methods (17478)

           13.3.1.3.4   Define required competencies (17479)

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