



TRINIDAD AND TOBAGO ELECTRICITY COMMISSION
DISTRIBUTION DIVISION
CONTRACTOR PREQUALIFICATION COMMITTEE

WORK CLASS DEFINITIONS

Work Group 1000 – ELECTRICAL SERVICES

CLASS	NAME & DESCRIPTION
1030	CABLE INSTALLATION, JOINTING & TERMINATING Covers trench excavations, laying of ducts, pull boxes, man-holes, cable tray and conduit works for and including power cable installation, removal, laying of electrical cables to specification, and maintenance inclusive of jointing and terminating of paper insulated, cross link polyethylene, etc. single core or multi- core cables rated up to 66kV. Also includes cable testing and provision of test certificates.
1032	FIBRE OPTIC CABLE INSTALLATION & MAINTENANCE Includes the installation, splicing, termination and removal of overhead and underground fibre optic and other communications cables.
1033	PILOT CABLE INSTALLATION, JOINTING, TERMINATION & REMOVAL Includes the installation, jointing, termination and removal of overhead and underground pilot cable. Also includes overhead stringing and tensioning.
1050	INDUSTRIAL (600V) Includes the procurement and/or installation and maintenance of electrical distributing systems at power plants, substations, switch rooms, etc and includes equipment such as distribution cables, switchgear, transformers, protective equipment, battery chargers, fans, motors and starters, lighting etc. The supply may be single phase or three phase low/medium voltages (up to 600 volts).
1055	INDUSTRIAL (12kV) Includes the procurement and/or installation and maintenance of indoor or outdoor electrical distributing systems at power plants, substations, switch rooms, etc and includes equipment such as cables, switchgear, transformers, protective equipment, battery chargers, fans, motors and starters, lighting etc. The supply may be single phase or three phase low, medium or high voltages (up to 12,000 volts).
1057	ELECTRICAL INSTALLATION & MAINTENANCE (ABOVE 12kV) Includes the procurement and/or installation and maintenance of indoor or outdoor electrical equipment at power plants, substations, switch rooms, etc and includes equipment such as cables, switchgear, transformers, protective equipment etc.
1058	TRANSFORMER REPAIRS UP TO 220 kV Includes but not limited to cleaning, sandblasting, oil leak repairs, painting, oil filter & vacuum, Dissolved Gas Analysis testing.
1060	TRANSFORMER & MOTOR REPAIRS (UP TO 600V) Covers dismantling, inspecting components, checking fits, testing winding, carrying out service and repairs including balancing of rotor, assembly and test run of motors (up to 600 volts). Also covers removal of defective coils and windings, procurement and replacement to original specifications including connections and testing (up to 600 volts).

Work Group 1000 – ELECTRICAL SERVICES

CLASS	NAME & DESCRIPTION
1070	OVERHEAD LINE CONSTRUCTION & MAINTENANCE (UP TO 12kV) Includes installation and maintenance of poles, cross arms, insulators, conductors and fittings, guys, air break switches, fuse cutouts, pole mounted transformers, capacitors etc.
1071	DISCONNECTION / RE-CONNECTION FOR NON-PAYMENT OF ACCOUNT AT METER BASE ONLY Restricted to domestic customers with single phase three wire or single phase two wire low voltage supplies less than 650 Volts. It includes the verification of meter numbers, recording meter reading and seal numbers, the removal of meters under energized conditions using approved tools and PPE, installation of disconnect sleeves, measuring and recording voltages and confirming that they are within limits and the reinstalling of meter/s and associated fittings.
1072	DISCONNECTION/RE-CONNECTION FOR NON-PAYMENT OF ACCOUNT AT THE POLE Restricted to domestic customers with single phase three wire or single phase two wire low voltage installations less than 650 Volts whose premises/meter are inaccessible. It includes ascending pole using ladder or bucket truck and using a bolt cutter or pliers to cut & disconnect the phase conductors of the service connection wire at the pole end while maintaining phase conductor identification. It also includes securing ends of triplex with insulating tape and using approved Voltmeter to measure, record and verify voltages at the pole. Wire brush the conductors and connect to LV conductors under energized conditions while measuring and recording voltage and confirming they are within the statute limits in meter base. Finally, it includes installing meter, meter ring and meter seal and documenting meter reading and seal numbers.
1073	OVERHEAD LINE CONSTRUCTION & MAINTENANCE (ABOVE 12 kV) Includes installation and maintenance of poles, towers, cross arms, insulators, conductors and fittings, guys and switches.
1074	INSTALLATION OF NEW DOMESTIC CONNECTIONS (DIRECT CONNECTION OR VIA PRIVATE POLES OR PRIVATE POLES WITH METER BASE AND CONSUMER'S ENTRANCE CABLE) This work class is restricted to domestic customers with single phase three wire low voltage supplies less than 650 Volts. It includes making checks on the customer's installation to confirm there are no bridges or condition of the electrical installation which may deem it as unfit for connection despite the presentation of an inspection certificate. To ensure there are no external sources of supply continuity between phase or neutral terminals of meter base and to ensure customer's main switch is in the <u>OFF</u> position. This work class also include inspection of customer's Point of Entrance, private pole or super structure, ascending T&TEC Pole, customer's private pole using ladders or Bucket Truck. It also includes the installation and anchoring of Triplex conductor at Point of Entrance, Private Pole or Super Structure under energised conditions and ensuring that triplex conductor is installed in such a manner that all standard clearance requirements are met. Finally, it includes confirming and recording voltage within the statute limits and installing meter, ring and meter seal and recording meter reading and seal numbers.
1076	TRANSMISSION OVERHEAD LINE CONSTRUCTION & MAINTENANCE (33 kV & ABOVE) This work class covers the construction of pole/tower foundations, erection of towers/mono-columns (lattice type support structure), installation of 17m, 21m and 27m poles, framing of all the different support structure to accommodate the various line hardware assemblies including tension and suspension sets. This class also covers the installation of line hardware assemblies (including dampers), air-craft marker balls, insulators, conductors (OPGW, AAAC, ACSR, ACSR/AW, ACSS and ACSS/AW), guys and switches whose nominal operating voltage are 33kV and above.

Work Group 1000 – ELECTRICAL SERVICES

CLASS	NAME & DESCRIPTION
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1077	INSTALLATION & MAINTENANCE OF COMMUNICATIONS EQUIPMENT
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Includes the installation and maintenance of telephone, fibre, radio and video surveillance equipment and associated accessories.

1090	AC/DC GENERATORS SERVICES
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Includes the supply or rental, installation and maintenance of standby generators and ancillary equipment.

Work Group 2000 - CIVIL WORKS

CLASS	NAME & DESCRIPTION
2020 BUILDING CONSTRUCTION	Covers the construction of industrial (substation, workshops etc.) and non-industrial buildings using timber, masonry, reinforced concrete, structural steelwork or other approved construction materials and the provisions of building accessories and appurtenances e.g. electrical systems, air-conditioning and plumbing etc.
2023 BUILDING MAINTENANCE	Includes all maintenance to buildings such as: a) Repairs, replacement and installation of new plumbing fixtures and service lines. b) Repairs, replacement, modifications and extensions to substructure/superstructure. c) Surface preparation and painting. d) Installation and repair of connections to gas cylinders. e) Repairs, replacements, modification and installation of new fixtures and finishes.
2024 LIFT AND ELEVATOR SYSTEMS	Includes the installation, commissioning, inspection, testing, certification, maintenance and repairs of elevators and associated equipment.
2030 FABRICATION & WELDING - NON INDUSTRIAL	Covers minor fabrication and welding including the use of cutting tools and equipment.
2040 INDUSTRIAL PAINTING INCLUDING BLASTING	Includes surface preparation and painting using hand tools and wet or dry abrasive cleaning equipment (e.g. sand blasting/water blasting).
2050 REINFORCED CONCRETE WORKS	Covers temporary works, steel works, concrete works and finishes. Work would include the following:- a) Earthworks, including piling in surface or sub surface soil or rock. b) Fabrication and installation of reinforcement as per design specifications. c) Mixing, pouring and finishing of concrete including the use of special admixtures and curing agents. d) Sampling and provision of strength test results. e) Grouting and levelling of equipment bases.
2070 INSTALLATION & MAINTENANCE OF COMMUNICATIONS TOWERS	Includes the construction and assembly of towers with ladders or equivalent means to safely ascend or descend, plinth / footings, members and anchorage for fall arrest systems. Also includes the inspection and repair of towers.
2080 SCAFFOLDING SERVICES	Covers the supply, assembly and erection of scaffolding including provisioning of anchoring points, certification, disassembly and removal.
2090 ASPHALT WORKS	Covers the supply, laying, spreading and compaction of asphaltic concrete, base course and sub base layers respectively. This is inclusive of preparation of sub grade, bituminous prime coats, bituminous concrete pavement mix designs, and density and compaction testing. It also includes the provisions of sample cores.

Work Group 2000 - CIVIL WORKS

CLASS	NAME & DESCRIPTION
2100	GEOTECHNICAL INVESTIGATIONS Covers site appraisals, borehole drilling, field sampling and testing, soil classifications, preparation of reports on geotechnical engineering sub-soil parameters, and other foundation design requirements.
2110	TESTING SERVICES - MATERIALS Includes the sampling and testing of concrete, asphaltic concrete, structural steel specimens and similar materials.
2120	ANALYTICAL SERVICES – ENVIRONMENTAL Includes the sampling, testing and analysis of potential contaminants / pollutants of air, soil and water.

Work Group 3000 – MECHANICAL SERVICES

CLASS	NAME & DESCRIPTION
3010	AIR-CONDITIONING & REFRIGERATION SERVICES (D&C) Includes supply, installation and maintenance of window & central type air-conditioners, split units, refrigerators, water coolers, ice makers, console freezers etc.
3011	AUTOMOTIVE CLEANING Includes cleaning of interior and exterior of vehicle, engine and under body wash, polishing and detailing.
3012	AUTOMOTIVE BODY REPAIRS Covers the repairs, straightening and painting of all types of vehicles in an approved workshop environment.
3013	AUTOMOTIVE ELECTRICAL REPAIRS Covers the supply, installation, repairs and service to light, wiring, instrumentation, starters, alternators and other electrical accessories on vehicles.
3014	AUTOMOTIVE ENGINE & MECHANICAL REPAIRS Covers the supply, maintenance and complete overhaul of engines by skilled craftsmen; modification and repairs to gearbox, differential, suspension, alternator, starter, transmission, converter, hydraulic and auxiliary drive systems. The use of special tools and manuals is required.
3015	AUTOMOTIVE EXHAUST REPAIRS Covers the supply, repairs / replacement of exhaust systems for all makes of vehicles e.g. domestic, commercial and industrial.
3016	AUTOMOTIVE RADIATOR REPAIRS Covers the supply, repairs / replacement of all types and sizes of radiators for domestic and commercial industrial vehicles.
3017	AUTOMOTIVE TYRE & TUBE REPAIRS Covers the supply, repairs to tyres and tubes for all makes of vehicles e.g. domestic, commercial and industrial.
3018	AUTOMOTIVE UPHOLSTERY Covers the supply, repairs / replacement of upholstery for all types of domestic, commercial and industrial vehicles.
3070	GENERAL MACHINE SHOP SERVICES Includes the repairs, modification, fabrication and welding of items requiring machine shop skills and use of standard machine tools and associated measuring instruments involved in processes such as: (a) Turning (including threading of tubular and tools). (b) Bench fitting, cutting keys and keyways, drilling, tapping, slotting etc. (c) Horizontal / vertical boring, shaping, slotting, grinding, milling, etc.
3075	GENERAL WELDING SHOP SERVICES Covers the repair, fabrication, welding, testing of a range of equipment, poles, structures and components associated generally with electric utilities utilizing standard equipment and techniques relevant to the crafts. Requires adequate facilities and skilled craftsmen capable of interpreting drawings, carrying out fabrication operations, welding of carbon, alloy steels, and other metals and generally to perform work in accordance with various codes, standards and specifications.

Work Group 3000 – MECHANICAL SERVICES

CLASS	NAME & DESCRIPTION
3076	HYDRAULIC SYSTEM MAINTENANCE & REPAIRS Covers the routine preventative maintenance and servicing in accordance with the Manufacturer's Specifications on any Aerial-lift hydraulic truck, crane and digger derrick truck. It includes all repairs and service of any other truck-mounted hydraulic equipment including but not limited to PTO's, Hydraulic Pumps, Hydraulic Hoses, Cylinders, Valve Blocks, Winches, Spools etc. It includes the service on all makes and models of Aerial Lifts and the provision of secure facilities for Shop Services. This Work Class further includes the provision of a 24 hour Emergency Road Service throughout Trinidad & Tobago. It includes same or next day availability on parts and Routine Maintenance and Preventative Maintenance Inspections. It includes the transfers and remounts of old units onto new trucks and Welding/Fabrication.
3080	INDUSTRIAL DIESEL & GAS ENGINES Covers the maintenance, complete overhaul, installation and alignment of diesel and gas engines. This includes the overhaul of engines, modifications and repairs including gear box, differential, suspension, alternator, starter, hydraulic system, transmission, converter, auxiliary drive systems, production hoist, fuel systems and fuel pumps.
3090	ROTATING EQUIPMENT Includes the reconditioning or re-manufacturing of rotating equipment components for pumps, turbines and compressors using machine shop skills, processes and equipment.

Work Group 4000 – INSPECTION SERVICES

CLASS	NAME & DESCRIPTION
4010	INFRA-RED SCANNING SERVICES Covers the Infrared scanning of live low, medium and high voltage electrical equipment for temperature differentials.
4020	METER READING SERVICES Covers locating and reading of meters at customer premises and other metered electrical installations and making entries into data entry devices or paper forms.
4030	ULTRA-SONIC INSPECTION Covers the ultra-sonic inspection of live electrical equipment to detect sounds due to electrical arcing and current leakages.
4040	PLANT INSPECTION Includes the inspection of the overhead and underground electrical infrastructure including but not limited to poles, towers, overhead line and underground plant. It also includes the inspection of poles towers and other structures to determine the number of attachments and their conditions.
4050	WELDING INSPECTION (NEW) This includes the examination and certification of the quality of welds and joints by approved methods.
4060	VIBRATION INSPECTION (NEW) This includes the examination and certification of rotating equipment in relation to rotational speeds of machinery.

Work Group 5000 – TRANSPORT & LIFTING SERVICES

CLASS	NAME & DESCRIPTION
5010	GENERAL LIFTING & MOVING SERVICES Covers the provision of cranes and lifts with their operating personnel for safely lifting and transporting company cargo, equipment and materials greater than 15 tons.
5020	GENERAL TRUCKING SERVICE Covers the provision of trucks with or without drivers and associated operating personnel and equipment for safely lifting and transporting company equipment and materials up to 15 tons.
5030	PERSONNEL CARRIERS & TAXIS Covers the transporting of personnel by cars and buses in and around Trinidad and Tobago as and when required.
5040	BOAT & WATER TAXIS (NEW) Covers the transporting of personnel by boat from the mainland to, from and around islands within the territorial waters of Trinidad and Tobago as and when required.

Work Group 6000 – CLEANING & CLEARING SERVICES

CLASS	NAME & DESCRIPTION
6010	GARBAGE COLLECTION & DISPOSAL Covers the collection and disposal of all discarded material and garden refuse by the use of garbage disposal trucks / units. Unskilled manual work.
6020	GRASS & WEED CONTROL Covers cutting and clearing of weed, grass, bush, hedges, migrant tree etc. using manual or mechanical means. Work covers locations in or around substations, buildings, structures, roadways, kiosks, etc. and excludes clearing of overhead electrical lines. This also covers chemical and biological treatment for control of weeds.
6030	JANITORIAL SERVICES Includes the cleaning of offices, clubs, medical facilities, canteens, bungalows and guesthouses. Work involves sweeping, dusting, mopping, vacuuming, cob-webbing, scrubbing, polishing, washing and collecting office refuse for disposal.
6040	OVERHEAD LINE CLEARING SERVICES Covers cutting trees and underbrush to maintain a specified corridor and footpath along overhead lines up to 132kV. It includes transporting cuttings away from site.
6050	PEST CONTROL Covers the treatment of all buildings, installations and their immediate surrounds, including the furnishings therein to eliminate all insects and other pests. This involves the use of environmentally acceptable chemicals, which may be sprayed, injected, fumigated or baited.
6060	SANITARY CLEANING Covers the work of cleaning choked sewer systems, underground waste lines and roadside drains.
6070	HAZARDOUS WASTE HANDLING AND DISPOSAL Covers hazardous chemicals including, but not limited to oil, silica gel, fluorescent tubes, lead acid batteries and e-waste.

Work Group 7000 – MISCELLANEOUS SERVICES

CLASS	NAME & DESCRIPTION
7010	OFFICE EQUIPMENT SERVICES Covers the supply, installation, repair and maintenance of office equipment e.g. word processors, printing and copying machines, calculators, typewriters, copiers, duplicators, fax machines, etc.
7020	SAFETY, FIRE & SECURITY PROTECTION Covers the provision, installation and maintenance of safety, fire and security systems including supply of replacement parts.
7030	DECORATING SERVICES Includes decorating and design services for corporate events both internal and external.
7031	AUDIO VISUAL SERVICES Includes audio and visual services for corporate events.
7032	PHOTOGRAPHY Provision of photography services for internal and external corporate events.
7033	GENERAL EVENTS SUPPLIES Includes the rental, installation, dismantling and supply of infrastructure and related accessories for corporate events including, but not limited to: (a) Tents (b) Chairs (c) Tables (d) Platforms (e) Stage (f) Porter Potty (g) Porter Coolers (h) Linens (i) Ice (j) Potted Plants
7034	LARGE SCALE PRINTING Includes the printing of banners and signage.
7035	OFFSET / DIGITAL PRINTING Includes the printing of:- (a) Brochures (b) Calendars (c) Programmes (d) Invitations (e) Booklets and other printed materials

Work Group 7000 – MISCELLANEOUS SERVICES

CLASS	NAME & DESCRIPTION
7037	ENTERTAINMENT - CHILDREN To provide entertainment services for children events at company's sports and family day Functions.
7038	AWARDS AND TROPHIES Includes the supply of standard or customised awards, trophies, medals and similar items for corporate and sporting events.
7039	PUBLIC ADDRESS SYSTEMS - MOBILE Covers public announcements via mobile public address systems.
7040	COURIER AND FREIGHT SERVICES Covers Courier and Freight services for the import and export of packages and goods.

Work Group 8000 – CONSULTANCY & PROFESSIONAL SERVICES (NEW)

CLASS	NAME & DESCRIPTION
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This Work Group aims at prequalifying persons / companies to provide expert **advice, consultancy and professional services** to the Commission in the following Work Classes:

8010	ARCHITECTURAL / CIVIL / STRUCTURAL ENGINEERING
8020	MECHANICAL ENGINEERING
8030	ELECTRICAL ENGINEERING
8040	INFORMATION TECHNOLOGY
8050	LEGAL
8060	FINANCE
8070	HUMAN RESOURCES

Work Group 9000 – PUBLIC LIGHTING

CLASS	NAME & DESCRIPTION
9010	OVERHEAD STREETLIGHT INSTALLATION & MAINTENANCE Includes installation and maintenance of luminaries and brackets, conductors, insulators and fittings.
9020	UNDERGROUND STREETLIGHT INSTALLATION & MAINTENANCE Covers trench excavations, laying of ducts, pull boxes, plinths, man-hole, cable tray, conduit works, flange based columns, poles, pad mounted transformer, conductors and fittings, including jointing, terminating, installation, removal and maintenance, inclusive of luminaries, URD Triplex and power cable.
9030	RECREATION GROUND / HOUSING DEVELOPMENTS Covers trench excavations, laying of ducts, pull boxes, plinths, man-hole, cable tray, conduit works, installation of floodlights and associated wiring, electrical panels, meter base, metering cabinets, private pole and ancillary equipment, flange based columns, poles, pad mounted transformer, conductors and fittings, including jointing, terminating, installation, removal and maintenance, inclusive of luminaries, URD Triplex and power cable. Also covers the construction of switch-house and kiosk, reinforced concrete, structural steelwork, general fabrication and welding with the provision of building accessories and appurtenances including electrical systems.

Work Group 10000 – SURVEYING

CLASS	NAME & DESCRIPTION
10010	CADASTRAL SURVEYING Determining the form, contour, position, area, shape, height, depth or nature of any part of the earth or of any natural or artificial features, and the position, length and direction of bounding lines on, below or above any part of the earth for the purposes of making legal plans defining boundaries and registering land or documents with appropriate authorities.
10020	ENGINEERING SURVEYING The process by which proposed works are established and controlled on the ground in such a way that the design is executed accurately in the context of the particular works themselves and also in the context of other adjacent works and infrastructure.
10030	HYDROGRAPHIC SURVEYING Measuring or depicting those parameters that are necessary to describe the precise nature and configuration of the sea-bed and any natural or artificial features located on it and their geographical relationship to the landmass; and determining and measuring the characteristics and dynamics of the sea.
10040	TOPOGRAPHIC SURVEYING Determining the form, contour, position, area, shape, height, depth or nature of any part of the earth including natural and artificial features measured so that it may be stored and recreated at any scale on a material drawing or in a digital file.

Work Group 11000 – LAND MANAGEMENT

CLASS	NAME & DESCRIPTION
11010	GEOGRAPHIC INFORMATION SYSTEMS (GIS) / GEOSPATIAL SERVICES Services related to the capture, storage, manipulation, analysis, management and presentation of geographic/geospatial data.
11020	QUANTITY SURVEYING Determining, evaluating and managing costs relating to building, construction and civil engineering projects.
11030	VALUATION SURVEYING Determining the value of land and buildings and all types of property.

Work Group 12000 – POWER STATION SERVICES (NEW)

CLASS	NAME & DESCRIPTION
<u>GAS COMPRESSOR MAINTENANCE</u>	
This includes routine maintenance/overhaul, modifications and repairs as well as the supply of parts and material.	
12001	GAS COMPRESSOR MAINTENANCE MOTOR
12002	GAS COMPRESSOR MAINTENANCE COMPRESSOR PUMP
12003	GAS COMPRESSOR MAINTENANCE FILTERS
12004	GAS COMPRESSOR MAINTENANCE ACCUMULATORS
<u>SERVICING AUXILIARY SYSTEMS ON THE PIPE MODULE</u>	
This covers the servicing of all components in the on-engine auxiliary pipe module as well as the supply of parts and materials.	
12005	SERVICING HEAT EXCHANGERS AUXILIARY SYSTEMS ON THE PIPE MODULE
12006	SERVICING PUMPS AUXILIARY SYSTEMS ON THE PIPE MODULE
12007	SERVICING FUEL FLOW METERS AUXILIARY SYSTEMS ON THE PIPE MODULE
12008	SERVICING THREE-WAY VALVES AUXILIARY SYSTEMS ON THE PIPE MODULE
12009	SERVICING FILTRATION SYSTEMS AUXILIARY SYSTEMS ON THE PIPE MODULE
<u>TURBINE MAINTENANCE AND OVERHAUL</u>	
12010	ROUTINE TURBINE MAINTENANCE & OVERHAUL This includes any inspections done on the unit in the hot gas path, which is all sections after the compressor, including the combustor.
12011	LEVEL 1 SERVICE This includes preventative and corrective maintenance such as diagnostics, external parts replacements, external parts overhaul, adjustments, and any other related work which can be accomplished on an installed engine.
12012	LEVEL 2 SERVICE This includes corrective maintenance of major engine sections, specific internal parts replacements, adjustments, and any other related work which can be accomplished on an installed engine.
12013	LEVEL 3 SERVICE This includes major overhaul and refurbishment of most or all of the turbine components, thus requiring specialized equipment and may also include any other related work which can be accomplished on an installed engine.

OTHER SERVICES

- 12014 INSTALLATION AND / OR ALIGNMENT OF DIESEL & GAS ENGINES**
This includes alignment of axis of independent rotating assemblies, e.g. mating engine to alternator/generator.
- 12015 SERVICING OF THE HYDRAULIC CONTROL SYSTEM**
This includes corrective and preventative maintenance works on the mechanical governor and actuator of the engine as well as the supply of parts and materials.
- 12016 SERVICING OF THE FUEL SYSTEMS & THE FUEL PUMPS**
This includes corrective or preventative maintenance works on the fuel system external to the engine and can also include the supply of parts and materials.
- 12017 CONSTRUCTION AND / OR MAINTENANCE OF GAS LINES**
This covers the alteration or construction works on any lines designed to carry natural gas and can also include the supply of part and materials.
- 12018 TESTING OF GAS LINES**
Includes all non-destructive testing for either the recertification or commissioning of gas lines..
- 12019 GAS SYSTEM MAINTENANCE**
Designated specifically for the alteration / servicing / corrective works on any equipment designed to process / carry natural gas.
- 12020 TURBO SERVICES, INSPECTION AND INSTALLATION**
This includes corrective and preventative Turbocharger maintenance works and can also include the supply of parts and materials (ABB).
- 12021 COUPLING & VIBRATION DAMPER INSPECTION & REPAIRS**
This includes works on either the Geislinger viscous coupling or the vibration dampers on the Wärtsilä engines (Geislinger certified).
- 12022 MECHANICAL AUDIT SERVICES**
This includes sampling, testing and inspection services for various plant, machinery, tools and equipment.
- 12023 CALIBRATION SERVICES**
This includes the calibration of tools and instruments utilized for testing, validating and measuring quantities.

Work Group 13000 – CERTIFICATION SERVICES (NEW)

CLASS	NAME & DESCRIPTION
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This Work Group includes providing examination and certification of tools, machinery and associated equipment by competent persons/bodies for the following Work Classes. Accreditation may be required from bodies approved to do so.

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| 13010 | HYDRAULIC CERTIFICATION |
| 13020 | PNEUMATIC CERTIFICATION |
| 13030 | MECHANICAL CERTIFICATION |
| 13040 | ELECTRICAL CERTIFICATION |