Site Services 35.01 35.03 35.07 35.02 35.04 35.05 35.06 Hire and Rental of Construction Workforce Site **Technical Earthmoving** Onshore Equipment and Vehicles Commissioning Consumables Supervision **Assistance** and Start-Up **Equipment** Camps and Tools 35.07.01G 35 02 018 35.03.01S 35.05.01G 35.04.01S Supply of Workforce Supervision of **Equipment for Site Activities** Welding Front / Pay Construction Commissioning Site Construction Site Equipment Consumables Specialists Loaders Camps Design Review activities 35.01.01S 35.07.02G 35.02.02S 35.03.02S 35.05.02G 35.06.01S 35.06.10S 35.04.02S Design of Supervision of Rental of Diesel Construction Paving Equipment (Mills, Pavers, Rental of Quantity Plant Workforce Tools and Onshore Pipeline **Generator Sets** Equipment for Welding Surveyors Planers ...) Camps Commissioning Installation Tackles (DG Sets) 35.01.02S 35.03.03S 35.05.03G 35.06.02S 35.06.11S 35.02.03S 35.04.03S Supply and Installation of Mechanical, Electrical Bulldozers, Rental of Equipment Site Supervision Personnel Rental of Marine Graders and for Non-Destructive Tests (NDT) And Instrumentations Compressors Surveyors Workforce Camps Commissioning Compactors 35.01.03S 35.06.03S 35.06.12S 35.03.048 35.04.04S 35.05.04G Rental of Scaffolding Rental of Modular Technical Rental of Excavators and Units, Offices and Manpower Hot Tapping **Pumps** Portacabins Trenchers Materials Supply 35.01.04G 35.06.048 35 06 138 35.05.05G 35.03.05S Renal of Other Tools Portacabins for **Onshore** Rental of Pipeline Integrity Mobile Camps Trucks Valves Services **Pipelines** and Tackles 35.01.05G 35.06.05S 35.06.14S 35.04.05S 35.05.06G Rental of Equipment for Canteens, Living Rental of Telecom-Drying of Technical Mining Equipment (Scrapers, Rope munications Containers Onshore Quarters, Offices Equipment **Pipelines** shelves, miners) Sanitary 35.06.06S 35.04.06S 35.05.07G Calibration Of Rental of Load General Onshore Pipe Layers Banks Services **Pipelines** 35.04.07S 35.01.06S 35.05.08G Management of Workforce Hydrostatic Testing Components for of Onshore Handling Earthmoving Equipment Site Vehicles Pipelines Systems Camps 35.01.07S 35.06.15S 35.06.07S 35.04.08S Cleaning of Rental of Manpower Supply Rental of Jeeps Workforce Manlifts and (4X4) and for Commissioning Camps Elevators Industrial Vehicles and Start-Up 35.01.08S 35.06.16S 35.06.08S Onshore Site Bare Rental of Bare Rental of Catering Cranes and Earthmoving Hoisting Equipmen Equipment 35.01.09S 35.06.17S 35.06.098 Site Security & Hire with Operator of Earthmoving Hire with Operator of Hoisting and **Guard Services** Crane Equipment Equipment 35.01.10S 35.06.18S Onshore Site Rental of Forklifts. Transportation of Material Handlers Personnel and Loaders 35.01.11G Equipment and Apparatus for Kitchens and



Site Services

Activities at Construction Sites, Fabrication Yards and Manufacturing Plant require an heterogeneous set of services that are delivered by specialized and focused vendors, at local and global level: they range from the support to Engineering on-site activities till the hire and rental of site equipment.

Activities of Testing and Analysis are covered under a dedicated Group

MAIN RATIONALES BEHIND THE STANDARD CATEGORIZATION

Site Supervision

 Site Supervision Personnel can be temporary as well permanent. It may also involves the site manager's role that is typically in charge of the supervision and management of all site-based staff employed by the company to ensure that the project is delivered within their contractual obligations.

Technical Assistance at Site

- A Quantity Surveyor (QS) is a construction industry professional with expert knowledge on construction costs and contracts. They are not to be confused with Land Surveyors or Land Survey Engineers. Services provided by a quantity surveyor may include: Cost consulting and Cost estimating.
- A Marine Surveyor (including "Yacht & Small Craft Surveyor", "Hull & Machinery Surveyor" and/or "Cargo Surveyor") is a person who conducts inspections, surveys or examinations of marine vessels to assess, monitor and report on their condition and the products on them, as well as inspects damage caused to both vessels and cargo.
- Technical Manpower Supply grants access to suitably trained, qualified and experienced professionals for onshore and offshore site activities; it doesn't cover Site Supervision Personnel
- Offshore Site Canteen and Catering is covered under the Group (Marine Contracting and Installation); Canteen and Security for offices (not site) are covered under Group 45 (General Services)

Commissioning and Start-Up

- Site Commissioning is the process of assuring that all systems and components of a building or industrial plant are designed, installed, tested, operated, and maintained according to the operational requirements of the owner or final client; a commissioning process may be applied not only to new projects but also to existing units and systems subject to expansion, renovation or revamping.
- "Commissioning Design Review" involves agents that inspect and test building systems early in the design process near the end of the construction phase and has become a valued addition to the building owner's repertoire to ensure that a project is delivered successfully.

- "Hot Tapping", or Pressure Tapping, is the method of making a connection to existing piping or pressure vessels without the interruption of emptying that section of pipe or vessel. This means that a pipe or tank can continue to be in operation whilst maintenance or modifications are being done to it.
- Hydrostatic Test for pressure vessels, plumbing, gas cylinders, boilers and fuel tanks is covered under Group 36 ("Testing and Analysis")
- Manpower Supply covers the need for the hiring of manpower for Commissioning phase

Earthmoving Equipment

- Earthmoving Equipment includes the main equipment used in the construction or industrial world.
- The categories of this family are mainly split based on their applications
- Components for Earthmoving Equipment includes replacement parts and attachments used on different types of construction and earthmoving equipment

Hire and Rental of Site Equipment

- This Family of Categories includes all hire and rental services for equipment and vehicles for onshore utilization.
- The purchase of the original equipment are included under other Groups
- Diesel Generator Sets under "Engines, Motors, Generators and Drives" (14) Group
- o Compressors in the "Compressors" (09) Group
- o Pumps purchases under the "Pumps" (08) Group
- Valves purchases are listed under the "Valves" (05) Group
- Telecommunication under the "Telecommunications" (07)
 Group
- Elevators / Manlifts are classified under Family 04.02
- "Hoists and Cranes" and "Forklift" are listed in the "Solids Handling" family (04.02)

- "Load banks" refers to devices designed to provide electrical loads for testing various power sources and/or to support diesel generators activity
- "Material Handler" includes those machines, typically equipped with hydraulic arms, suited to scrap sorting and handling, millyard applications, ...
- "Loaders" refers to heavy equipment machines used in construction to move aside or load materials such as asphalt, demolition debris, dirt, snow, feed, gravel, logs, raw minerals, recycled material, rock, sand, woodchips, etc. into or onto another type of machinery. This category includes: bucket loader, front loader, front-end loader, payloader, scoop, shovel, skip loader, wheel loader, or skid-steer
- "Rental of Scaffolding Materials" here refers to the rental of pipe, while "Scaffoldings" (32.07.05S) includes scaffolding works provided by subcontractors at site and "Pipes for Scaffolding" (Group 12) focuses on the purchase of the pipes
- Purchases for canteen and kitchen equipment are included in "Equipment and Apparatus for Kitchens, Bars and Canteens" (33.03.05G) for Prefabricated Buildings, Sheds and Caravans, and "Kitchen Equipment and Furniture" (45.04.06G)
- Welding Equipment purchases are listed under "Welding Machines and Systems" (39.02)
- Purchases concerning Non-Destructive-Tests (NDT) are classified under "Equipment and Consumables for Non-Destructive-Tests" (39.06)
- "Other Tools and Tackles" does not include "Facility Management Tools and Tackles" (44.01.02S)
- Rental expenses associated to general purpose vehicles are listed under "Means of Transport" (45.02) in the "General Services" Group.

Construction Consumables and Tools

- Construction Consumables and Tools and Tackles cover the materials used up during construction activities, e.g. small hand tools, flash lights, batteries and light bulbs, rope, slings and cables, fasteners, cleaning supplies (e.g. rags, brooms, mops, ...), spray paint and material tagging devices, caulking, tape and patching compounds, shims and grout, plastic sheeting and tarps, lumber, ...
- Welding consumables are under Group 36

