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| Cutting the structural steel | Project Structure Specification C07 Rev. 01 IFC structure DWG SHEQ-01-02-0039 | Dimensional survey of fabricated item's against IFC drawings. Measured dimensions shall be within Functional Tolerances class 2 as per AS/NZS 5131 Table F2.1 to F2.10 | IFC DWGs | Team Leader |
| Holing | Project Structure Specification C07 Rev. 01 IFC structure DWG SHEQ-01-02-0040 | Dimensional survey of fabricated item's against IFC drawings. Measured dimensions shall be within Functional Tolerances class 2 as per AS/NZS 5131 Table F2.1 to F2.10 | IFC DWGs | Team Leader |
| Identification and traceability for main items | Project Structure Specification C07 Rev. 01 IFC structure DWG AS/NZS 5131 | Lot traceability shall be provided for main structural members, connections between main structural members and major plate components. Tracibility as per AS/NZS 5131:Amd 1:2020 5.2.3 (ii) for minor components including cleats, connecting brackets and the like. | IFC DWGs | PM/PE |
| Manufacture of steel structure Tack welded only | IFC DWGs | Manufacture completed as per IFC Fabrication drawings. All tack welding shall be performed in accordance with PFS weld procedure. Welding consumables, process & any applicable pre/post heat requirements shall comply with approved welding procedure's. | IFC DWGs | Team Leader |
| Pre Weld Dimensional Check (Tack Check) | IFC Drawings | Dimensional survey of fabricated item's against IFC drawings. Measured dimensions shall be within stated tolerances unless noted otherwise. Project specification clause C0702.1.3 Functional Tolerances shall be class 2 as per AS/NZS 5131 Table F2.1 to F2.10 Inspections recorded in line with SHEQ-01-02-0035 Product Inspection Procedure | IFC DWGs | Team Leader |
| Welding | AS/NZS 1554.1 AS/NZS 9606.1 | All welding shall be performed in accordance with PFS weld procedures Welding consumables, process & any applicable pre/post heat requirements shall comply with approved welding procedure's. Welder ID, weld date & consumable batch are recorded on traceability register. | Welding Procedure and Welder Qualification | Team Leader |
| Post Weld Dimensional Check | IFC DWGs | Dimensional survey of fabricated item's against IFC drawings. Measured dimensions shall be within stated tolerances unless noted otherwise. Project specification clause C0702.1.3 Functional Tolerances shall be class 2 as per AS/NZS 5131 Table F2.1 to F2.10 Inspections recorded in line with SHEQ-01-02-0035 Product Inspection Procedure | IFC DWGs & Workshop Pack. | Team Leader |
| Weld Visual Scanning (PFS Internal Check) | IFC Drawing | 100% of all welds shall be subject to visual scanning | PFS NDT Register | Team Leader |