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| Seq | Task/ ***QA*** Activity | **Specification Standard** | -  **Acceptance Criteria** | *j,*  **Certify Doc *I* Ref** | **PFS**  **Engineering** |
| 1 | Inspection and Test Plan Reviewed and Approved by Customer | Project Structure Specification C0702 Rev. 01  IFC structure DWG | Inspection and Test plan shall be submitted to the Engineer for review and approval before fabrication is commenced. | IFC DWGs | PM/PE |
| 2 | Inspection upon receipt at site | Project Structure Specification C0702 Rev. 01  IFC structure DWG | The material receipt at site need to be visually inspected for quantity and make sure no damage occurred during transport | IFC DWG | **PM/PE** |
| 3 | Installation of Templates to identify the Hole locations | Site installation methodology Project Structure Specification C0702 Rev. 01  IFC structure DWG | Anchors Hole locations should be in complied with IFC Drawing | IFC Drawing | **Team Leader** |
| 4 | Drilling the holes based in concrete | Project Structure Specification C0702 Rev. 01 | Studs' Holes location should be in compliance with IFC Drawing  22 mm Hole Diameter for M20 Studs  Hole depth >210 mm | IFC Drawing  Hilti HIT•RE 500 V4 Technical Data sheet | **Team Leader** |
| 5 | Blow out all holes | Site installation methodology Project Structure Specification CD702 Rev. 01  IFC structure DWG | Blow out all hole to make sure all holes are free from dust | IFC Drawing  Hilti HIT·RE 500 V4 Technical Data sheet | **Team Leader** |
| I 6 | Chemical Anchoring | Site installation methodology Project Structure Specification C0702 Rev. 01  IFC structure DWG | Epoxy Studs using Hilti HIT•RE 500 V4  Make sure minimum 210 mm the embedment to achive Wait for epoxy to cure | IFC Drawing  Hilti HIT-RE 500 V4 Technical Data sheet | **Team Leader** |
| 7 | Land Base plates on studs level base plates with Jacking nuts | Project Structure Specification C0702 Rev. 01 | Make sure the base plates are leveled and confirm their elevation | IFC Drawing | **Team Leader** |
| 8 | Final alignment  Bolt wide flange beams to base plate | Site installation methodology Project Structure Specification C0702 Rev. 01  IFC structure DWG Standard operation procedure for steel structure bolt tightening SHEQ-01-02-0038 | Verify that the structural component are aligned based on IFC Drawing  Bolts to be Installed and snug tightened | IFC Drawing | **Team Leader** |
| 9 | Installation of Dura wall panels and cam covers | Site installation methodology Project Structure Specification C0702 Rev. 01  IFC structure OWG | Carefully position wall panels and cam covers according to the approved drawings. | IFC DWGs | **Team Leader** |
| 10 | Holing | Project Structure Specification CO?  Rev. 01  IFC structure DWG SHE0-01-02-0040 | Manual holing shall be performed on GRP material. | IFC OWGs | **Team Leader** |
| 11 | Dimension check | IFC DWG | Compliance vvith IFC DWGs |  | **Team Leader** |
| 12 | Visual inspection of Fasteners | IFC Drawing | All fasteners {bolts, nuts, washers) are to be in compliance with the Project requirement (Grade, Size and Length) | IFC Drawing | **Team Leader** |
| 13 | Snug tightening of fastener to fasten the brackets to the GRP material | Standard operation procedure for steel structure bolt tightening SHEQ-01-02-0038 | 100% of fixings securing brackets to be inspected for snug tight condition and marked with coloured paint pen to confirm fixing condtion has been checked and verified. |  | **Team Leader** |
| 14 | Assembly of the angles between bracke.ts | Project Structure Specification CO?  Rev. 01  IFC structure DWG | The angles to be assembled between bracket with fasteners | IFC DWGs | **Team Leader** |
| 15 | Snug tightening of fastener to fasten angles to the brackets | Standard operation procedure for steel structure boll tightening SHEQ-01-02-0038 | 100% of fixings securing brackets and angles to be inspected for snug tight condition and marked with coloured paint pen lo confirm fixing condtion has been checked and verified. |  | **Team Leader** |
| **16** | Final Inspection | IFC Drawings, AS/NZS 1554.1:2014 Category SP | Visual and Dimensional inspections completed by PFS Project Manager to confirm manufactured items have been manufactured lo acceptable standard & tolerance and approved to progress to protective coatings.  >Confirmation that dimensional inspections have been completed in line with SHEQ-01-02-0035 Product Inspection Procedure  >Confirmation that required quantity and type's of NOE has been completed and any identified defects have been remediated. | IFC DWGs | **Site project Manager** |
| 17 | Compile, review and submit documentation | Project Structure Specification CO?  Rev. 01  IFC structure DWG | Documentation and reports to support installation of steel structure items  compiled into PFS Manufactures Data Report | PFS Manufactures Data Report | **Site project Manager** |

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