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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Project** | ESM #: | | | Engineer | | | Client | | | Prepared by:  Approved by: | | |
| **Abbreviations** | C = Client, CNC = client nominated consultant, F = Fabricator, I = Client Nominated Inspector | | | | | | | | | | | |
| **Control categories** | H= Hold Point, I= Inspect, W= Witness, R= Review, S= Survey, A = Approve | | | | | | | | | | | |
| **DESCRIPTION** | | **CONTROL** | **ACCEPTANCE CRITERIA** | | **QMS Ref** | **RESPONSIBILITY** | | **ESM/STAGE/Frequency** | **RECORDS/REPORTS** | | **Inspected by: signature & date** | |
| Risk assessment | | H | AS/NZS 5131 11.2.4 | | OPE 004 |  | |  | Site Safety Plan | | F | C/I |
| Erection design (stability check) | | H | 11.4 | | OPE 007 | Site Supervisor | | All |  | |  |  |
| Site survey | | S | 11.3 | | OPE 007 / OPE 017 | Site Operations Manager,  Site Supervisor/ Independent Surveyor | |  | Record | |  |  |
| Delivery and storage | | I | 11.5.6 | | OPE 007,  OPE 008 | Site Supervisor | |  |  | |  |  |
| Temporary erection | | R | 11.5.10 | | OPE 007 / OPE 018 |  | |  |  | |  |  |
| Permanent supports | | H, S, I | 11.6.1 | | OPE 007 / OPE 018 |  | |  | Report | |  |  |
| Temporary supports, props – doc survey and inspection report | | S, R | 11.5.2, 3  11.6 | | OPE 007 / OPE 018 / OPE 011 |  | |  | Report | |  |  |
| Installation of bolted connections - Snug tightening (S) | | I | 8.3, 8.5.1, 13.7 | | OPE 008 /  OPE 011-5 / OPE 023 | Bolting Supervisor | |  | Report | |  |  |
| Tensioning of bolted connections – Bearing Type (TB) | | I | 8.3, 8.5.1, 13.7 | | OPE 008 /  OPE 011-5 / OPE 023 | Bolting Supervisor | |  | Report | |  |  |
| Tensioning of bolted connections – Friction Type (TF) | | I | 8.4.2, 13.7 | | OPE 008 /  OPE 011-5 /  OPE 023 | Bolting Supervisor | |  | Report | |  |  |
| Mechanical and chemical anchors | | I | 8.8.3 | | OPE 008 / OPE 023/ OPE 011 | Site Supervisor | |  | Report | |  |  |
| Thin gauge components | | I | 8.6 | | OPE 008 / OPE 023/ OPE 011 | Site Supervisor | |  | Report | |  |  |
| Removal of braces, props, frames etc. | | H, A | 11.5.5 | | OPE 008 / OPE 011 | Site Operations Manager / Site Supervisor | |  | Record | |  |  |
| Site welding | | I | 7 | | OPE 008 / OPE 017 | Site Supervisor | |  |  | |  |  |
| Erection and Assembly tolerances | | I | 13.4  Appendix F | | OPE 008 / OPE 011 / OPE 017 | Site Supervisor | |  | Report | |  |  |
| Repairs to painted surfaces | | I | 9.12 | | OPE 017 | Site Supervisor | |  | Report | |  |  |
| Completion Final inspection | | I | 13.11 | | OPE 011 | Site Supervisor / Client / Quality Manger | |  | Report | |  |  |
| Completed QA documentation | | I | Client’s specification | | OPE 015,  OPE 011 | Quality Manager | |  | Report | |  |  |
| Final sign off | | P |  | |  |  | |  |  | |  |  |