|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Name of Inspector:** |  | **Organisation:** |  | **Inspector Signature:** |  |
| **Technical Expert Name:** |  | **Technical Expert Signature:** |  | **Date:** |  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Category** | **Sub category** | **Design Verification**  **Inspection** | | **Fabrication Inspection** | | **Commissioning and In-service** | | **Repairs and Alterations** | | **Process Verification Inspection** | | | **Technical Expert Review** | |
| **Inspector**  *(Refer to Note 1)* | **TE Review**  Agree / Disagree  Y/N | **Inspector**  *(Refer to Note 1)* | **TE Review**  Agree / Disagree  Y/N | **Inspector**  *(Refer to Note 1)* | **TE Review**  Agree / Disagree  Y/N | **Inspector**  *(Refer to Note 1)* | **TE Review**  Agree / Disagree  Y/N | **Inspector**  *(Refer to Note 1)* | **TE Review**  Agree / Disagree  Y/N | **Witness/ Interview**  **W/I** | | **Comments** |
| **Boilers to first isolation valve** | |  |  |  |  |  |  |  |  |  |  |  | |  |
|  | Without superheat. Fabricated from carbon steel without post weld heat treatment or austenitic grades ≤ 316 |  |  |  |  |  |  |  |  |  |  |  | |  |
| Endorsement A  **Note 2** | With superheat or which have parts subject to post weld heat treatment or fabricated from austenitic grades > 316 |  |  |  |  |  |  |  |  |  |  |  | |  |
| **Steam turbines** | |  |  |  |  |  |  |  |  |  |  |  | |  |
| **Pressure Vessels** | |  |  |  |  |  |  |  |  |  |  |  | |  |
|  | Fabricated from carbon steel without post weld heat treatment or austenitic grades ≤ 316. Excluding those which are lined, clad, transportable, subject to cyclic operation or are intended for cryogenic use. |  |  |  |  |  |  |  |  |  |  |  | |  |
| Endorsement B  **Note 2** | Fabricated from materials in addition to carbon steels not requiring heat treatment and austenitic grades ≤ 316 |  |  |  |  |  |  |  |  |  |  |  | |  |
| Vessels with requirements for post weld heat treatment |  |  |  |  |  |  |  |  |  |  |  | |  |
| Clad vessels |  |  |  |  |  |  |  |  |  |  |  | |  |
| Lined vessels |  |  |  |  |  |  |  |  |  |  |  | |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Name of Inspector:** |  | **Organisation:** |  | **Inspector Signature:** |  |
| **Technical Expert Name:** |  | **Technical Expert Signature:** |  | **Date:** |  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Category** | **Sub category** | **Design Verification**  **Inspection** | | **Fabrication Inspection** | | **Commissioning and In-service** | | **Repairs and Alterations** | | **Process Verification Inspection** | | **Technical Expert Review** | |
| **Inspector**  *(Refer to Note 1)* | **TE Review**  Agree / Disagree  Y/N | **Inspector**  *(Refer to Note 1)* | **TE Review**  Agree / Disagree  Y/N | **Inspector**  *(Refer to Note 1)* | **TE Review**  Agree / Disagree  Y/N | **Inspector**  *(Refer to Note 1)* | **TE Review**  Agree / Disagree  Y/N | **Inspector**  *(Refer to Note 1)* | **TE Review**  Agree / Disagree  Y/N | **Witness/ Interview**  W/I | **TE Review**  Agree / Disagree  Y/N |
| Endorsement B  **Note 2** | Transportable vessels |  |  |  |  |  |  |  |  |  |  |  |  |
| Vessels subject to cyclic operation |  |  |  |  |  |  |  |  |  |  |  |  |
| Used for low temperature or cryogenic service |  |  |  |  |  |  |  |  |  |  |  |  |
| **Pressure Piping** | |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Fabricated from carbon steel without post weld heat treatment or austenitic grades ≤ 316 |  |  |  |  |  |  |  |  |  |  |  |  |
| Endorsement B  **Note 2** | Fabricated from materials in addition to carbon steels not requiring heat treatment and austenitic grades ≤ 316 |  |  |  |  |  |  |  |  |  |  |  |  |
| Piping subject to post weld heat treatment |  |  |  |  |  |  |  |  |  |  |  |  |
| **Cranes** | |  |  |  |  |  |  |  |  |  |  |  |  |
| Cranes Category A | |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Overhead travelling (gantry) |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Monorail hoists |  |  |  |  |  |  |  |  |  |  |  |  |
| Cranes Category C | |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Vehicle / truck mounted cranes |  |  |  |  |  |  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Category** | **Sub category** | **Design Verification**  **Inspection** | | **Fabrication Inspection** | | **Commissioning and In-service** | | **Repairs and Alterations** | | **Process Verification Inspection** | | **Technical Expert Review** | |
| **Inspector**  *(Refer to Note 1)* | **TE Review**  Agree / Disagree  Y/N | **Inspector**  *(Refer to Note 1)* | **TE Review**  Agree / Disagree  Y/N | **Inspector**  *(Refer to Note 1)* | **TE Review**  Agree / Disagree  Y/N | **Inspector**  *(Refer to Note 1* | **TE Review**  Agree / Disagree  Y/N | **Inspector**  *(Refer to Note 1)* | **TE Review**  Agree / Disagree  Y/N | **Witness/ Interview**  W/I | **TE Review**  Agree / Disagree  Y/N |
|  | **Offshore Installations** |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Design Review |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Structural Inspection |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Major Hazards |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Control Systems |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Emergency Systems and Facilities |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Escape Evacuation and Rescue Equipment Systems and Facilities |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Anchoring and Mooring Arrangements |  |  |  |  |  |  |  |  |  |  |  |  |

**Please Complete shaded sections only and submit to IANZ**

**Note 1: Competence Model inspectors**: indicate which categories the inspector has been authorised for, either as a trainee (T), inspector (I) or a signatory (S)

**Signatory Model signatories:** indicate if this is an initial assessment (IA) or a re-assessment (R) for each of the relevant categories

**Note 2:** It is the IANZ view that for consistency CBIP certification or equivalent should be held for offshore inspections that are substantially of the same equipment type as covered by PECPR equipment onshore.