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|  | | Cathodic Protection System | | | Client: | | |
| | | Insulation Kit Flange | | | Project: | | |
| | | Data Sheet | | | Inquiry No: | | |
| | | Doc No: | | | Date: | | |
| | | | | | | | |
| 1.1 | Item No. | 1.1 | | 1 | | | |
| 2 | Temperature Range | 2.1 | <input checked="" type="checkbox"/> | Ordinary (T<85 °C) | | | |
| | | 2.2 | <input type="checkbox"/> | High Temperature (T<250 °C) | | | |
| 3 | Relevant Standards | 3.1 | <input checked="" type="checkbox"/> | ASME-B16.47 | | | |
| | | 3.2 | <input checked="" type="checkbox"/> | ASME-B16.21 | | | |
| 4 | Dielectric Strength | 4.1 | <input checked="" type="checkbox"/> | 8 kV/mm refer to ASTM D229 | | | |
| 5 | Nominal Flange Size | 5.1 | <input checked="" type="checkbox"/> | Different Sizes | | | Inch |
| 6 | Insulation Kit Type | 6.1 | <input type="checkbox"/> | Full Face (Type E) | | | |
| | | 6.2 | <input checked="" type="checkbox"/> | Rasied Face (Type F) | | | |
| | | 6.3 | <input type="checkbox"/> | Ring-joint (Type D) | | | |
| 7 | Pressure Rating | 7.1 | <input checked="" type="checkbox"/> | 150 | 6.4 | <input type="checkbox"/> | 600 |
| | | 7.2 | <input type="checkbox"/> | 300 | 6.5 | <input type="checkbox"/> | 900 |
| | | 7.3 | <input type="checkbox"/> | 400 | 6.6 | <input type="checkbox"/> | 1500 |
| 8 | Insulation Kit Dimention | 8.1 | <input checked="" type="checkbox"/> | Outside Diameter (±1mm) | | | |
| | | 8.2 | <input checked="" type="checkbox"/> | Inside Diameter | | | |
| | | 8.3 | <input checked="" type="checkbox"/> | Total Thickness | | | |
| | | 8.4 | <input checked="" type="checkbox"/> | Number of Bolt | | | |
| | | 8.5 | <input checked="" type="checkbox"/> | Diameter of Bolt Hole | | | |
| 9 | Insulation Kit Material | 9.1 | <input checked="" type="checkbox"/> | Neoprane Faced Phenolic | | | |
| | | 9.2 | <input type="checkbox"/> | Kilinger C-4430 | | | |
| 10 | Insulation Sleeve Material | 10.1 | <input checked="" type="checkbox"/> | Polyethelen | | | |
| | | 10.2 | <input type="checkbox"/> | PTFE | | | |
| 11 | Insulation Sleeve Thickness | 11.1 | <input checked="" type="checkbox"/> | 1 mm | | | |
| 12 | Insulation Washer Material | 12.1 | <input checked="" type="checkbox"/> | Phenolic (2 No.) | | | |
| | | 12.2 | <input type="checkbox"/> | PTFE | | | |
| 13 | Insulation Washer Thickness | 13.1 | <input checked="" type="checkbox"/> | 3 mm | | | |
| 14 | Bolt & Nut | 14.1 | <input type="checkbox"/> | Yes | <input type="checkbox"/> | Stud Bolt With Nut | |
| | | | | | <input type="checkbox"/> | Machine Bolt with Nut | |
| | | 14.2 | <input checked="" type="checkbox"/> | No | | | |
| 15 | Bolt and Nut Material | 15.1 | <input type="checkbox"/> | Carbon Steel | | | |
| | | 15.2 | <input type="checkbox"/> | Stanless Steel | | | |
| | | 15.3 | <input type="checkbox"/> | Galvanized | | | |

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|----|-------------------|------|-------------------------------------|-------------|--|
| 16 | Inspection & Test | 16.1 | <input checked="" type="checkbox"/> | Routin Test | <input checked="" type="checkbox"/> Visual Inspection |
| | | | | | <input checked="" type="checkbox"/> Dimensions Check |
| | | 16.2 | <input type="checkbox"/> | Type Test | <input type="checkbox"/> Density Test for Sleeves |
| | | | | | <input type="checkbox"/> Tensile strength for Sleeves |
| | | | | | <input type="checkbox"/> Water absorption Test |
| | | | | | <input type="checkbox"/> Dielectric strength for Sleeves & Washers |
| | | | | | <input type="checkbox"/> Flexural strength test for Insulation Kit |
| | | | | | <input type="checkbox"/> Resistance to Impact for Insulation Kit |
| | | | | | <input type="checkbox"/> Compressive Strength |
| | | | <input type="checkbox"/> Hardness | | |
| 17 | Packing | 17.1 | <input type="checkbox"/> | Wooden Box | |
| | | 17.2 | <input checked="" type="checkbox"/> | Cardboard | |

Note:

- The above dimation are approximate, exact value specify after Product
- All Tests will be done according to Petunia Inspection Procedure

