Annexure ‘B’

**I]. GTP for Dead-End / Anchoring Assembly (Dead-End Clamp with Bracket)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Dead-End Clamp** | | |  |
| **Sl** |  | |  |
| **No** |  | **Particulars** |  |
| 1 | Type of Clamp |  | Dead end clamp with bracket |
| 2 | Name & Address of the Manufacturer |  |  |
| 3 | Standard |  | NFC 33 041 |
| 4 | Product Reference and Range of messenger size |  | Range to in line with this specification |
| 5 | Type of design |  | Wedge Type |
| 6 | Installation mode (with / without disassembly) |  | Without Disassembly |
| 7 | Any bolts or nut used in the design? |  | No |
| 7 | Type & grade Metallic / Nonmetallic Material |  |  |
| 8 | Marking |  |  |
| 9 | Dimensions (mm) |  |  |
| 10 | Weight (Kg) |  |  |
| 11 | Minimum Breaking Load (KN) (Acceptance test) |  | For messenger range of 25-35 = 10 KN  For messenger range of 50-70 = 15 KN  For messenger range of 70-95 = 20 KN |
| 12 | Di-Electric test  (Min 6 KV AC for 1 minute) (Acceptance test) |  |  |
| **Brack et** | |  |  |
| 13 | Is the Material of bracket is die casted and heat treated aluminium alloy (Yes / No) | | Yes |
| 14 | Dimensions (mm) | | As per approved Drawing |
| 15 | Weight (Kg) | |  |
| 16 | Minimum Breaking Load (KN) (Acceptance test) | | For messenger range of 25-70 = 15 KN For messenger range of 70-95 = 20 KN |

**II] GTP for SS Strap**

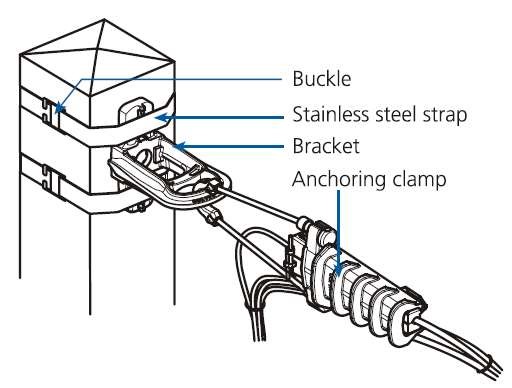
|  |  |  |
| --- | --- | --- |
| **Sl.** **No.** | **Parameters** | **Value** |
| 1 | Material composition | ASTM / AISI SS 202 |
| 2 | Tensile strength per loop fitted with one number buckle | Min 7.5 KN |
| 3 | Width of Strap | 20mm ±0.2 |
| 4 | Thickness of Strap | 0.7mm ±0.05 |
| 5 | Marking on the strap for manufacturing date, name of manufacturer and length of 250mm (yes/No) | Yes |
| 6 | Supplied in a plastic dispensable casing for 50 mteres (Yes/No) | Yes |

**III. GTP for SS Buckle**

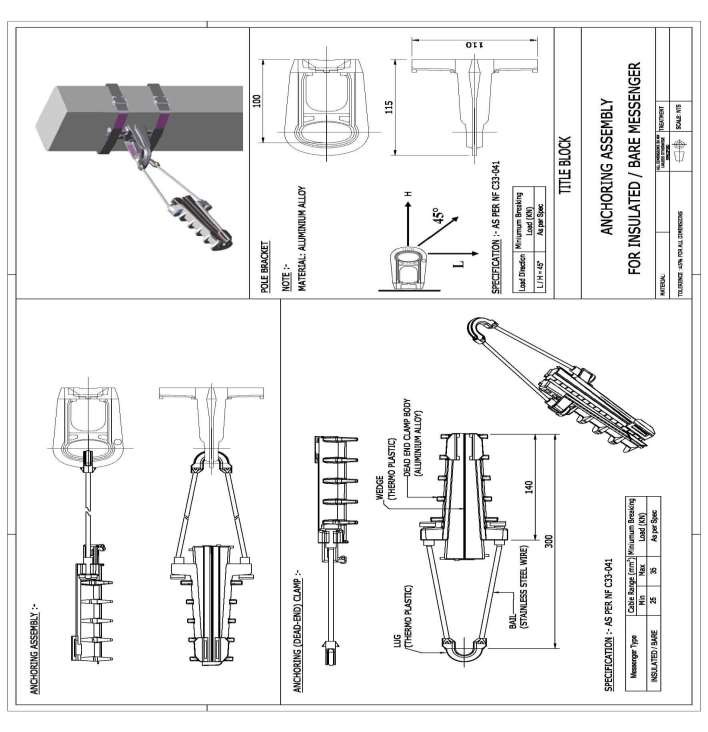
|  |  |  |
| --- | --- | --- |
| **Sl.** **No.** | **Parameters** | **Value** |
| 1 | Material composition | ASTM / AISI SS 304 |
| 2 | Weight of the material |  |
| 3 | Tensile strength (Buckle assembled with one loop of SS Strap\_ | Min 7.5 KN |
| 4 | Supplied as a box of 100 nos each | Yes |

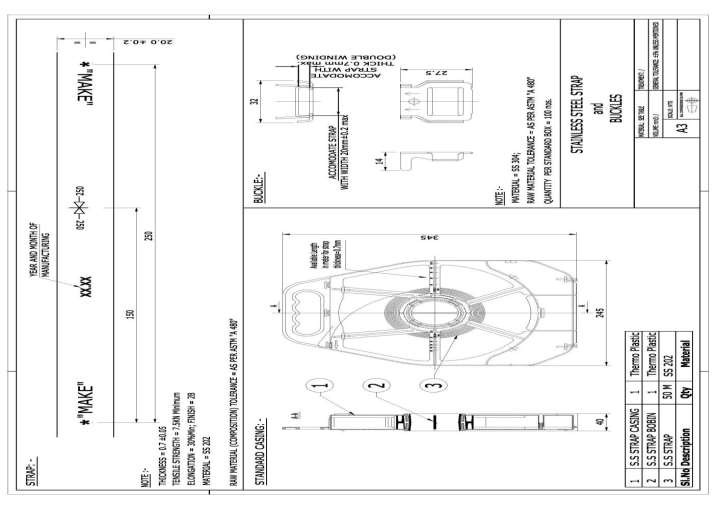
1) Drawing :

**1.Dead End (Anchor) Clamp**



**Dead End Clamp for bare messenger, with Pole Bracket and SS Strap**





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(5) The bidder shall submit following type test report from CPRI / ERDA/ILAC, MRA signatory laboratory like

COFRAC :-

**(i) tensile test, (ii) slippage test, (iii) voltage test, (iv) climatic ageing test, (v)corrosion test on suspension clamp and bracket & (vi) tensile strength test & chemical composition test on SS band and buckle.**