



## Appendix 1

# Product Description and/or Approval Condition

Certificate No : GCH32126-PE003

Date of Issue : 19th February, 2019

### © Product Description :

#### Bite-DIN 2353 Type Tube Fittings

- Material : Stainless Steel, Carbon Steel, Brass
- Pipe O.D. : 6 mm to 42 mm
- Max. Working Pressure : 100 bar to 630 bar
- Temperature range : Stainless Steel : -60 °C to 400 °C  
Carbon Steel : -40 °C to 120 °C  
Brass : -60 °C to 175 °C
- Approved Document No. : KR/BITE-DIN2353/121213 approved on 12 Dec, 2013
- Designation : Straight Union (DDU), Union Elbow (DDL), Reducing Union (DDUR),  
Union Tee (DDT), Union Cross (DDC), Reducing Tee (DDTR),  
Bulkhead Union (DDBU), Welding Bulkhead Union (DDBUW), Reducer (DDR)  
Bulkhead Union Elbow (DDBL), Male Elbow (DDL-M/R/M),  
Male Connector (DDOM-U/M, DDMC-R/G/M/GED/MED/N), Adjustable Elbow (DDLA),  
Female Connector (DDFC-G/M), Adjustable Branch Tee (DDBTA),  
Standpipe Reducer (DDKOR), Adjustable Run Tee (DDRTA),  
Swivel Adjustable Elbow (DDEW), Swivel Adjustable Branch Tee (DDET),  
Swivel Adjustable Run Tee (DDEL), Swivel Reducing Adapter (DDRED),  
Adaptor (DDA-GED/MED), Swivel Adaptor (DDEGE-G/M), Swivel Union (DDUE),  
Banjo Fitting (DDSWVE-G/M), Pressure Gauge Connector (DDGC-G),  
High Pressure Banjo Fitting (DDWH-G/M, DDTH-G/M), Gauge Connector (DDGA-G),  
Swivel Gauge Connector (DDGC-G), Tee Test Coupling (DDGMA),  
Test Coupling (DDEMA3), Welding Connector (DDAS, DDASK),  
Welding Nipple (DDAK), Reducing Welding Nipple (DDAKR),  
Male Female Adaptor (DMFAD, DMFAE, DMFAD-ED, DMFAE-ED), Cutting Ring (DDS),  
Blanking Plug for Port (DDVSTI-GED/MED), Tube Cap (DDCA), Nut (DDN),  
Blanking Plug with O-Ring (DDVSTI, DDVKA)

### © Approval Condition :

1. This approval is granted on the basis of document assessment and the test reports which were carried out as follows.
  - Tightness Test on 17 Apr, 2013 & 9 May, 2013 & 28 May, 2013
  - Repeated Assembly Test on 17 Apr, 2013 & 9 May, 2013 & 28 May, 2013
  - Bursting Pressure Test on 26 Apr, 2013 & 13 May, 2013 & 30 May, 2013
  - Pull-out Test on 4 Jul, 2013 & 9 Jul, 2013 & 23 Jul, 2013
  - Vibration and Pressure Pulsation Test on 20 Jun, 2013 & 29 Jul, 2013 & 13 Aug, 2013
2. Individual Product Certification is required in case of Tube Fittings belonging to Class I or II.
3. The materials used for Tube Fittings are to be certified by this Society or be satisfactory to the Surveyor.
4. Products are to be marked as follows for traceability of this approval.
  - Manufacturer's name or trade mark.
  - Product style and size.
  - Any additional marking, if required.

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