



***FLUIDTEQ***  
***DIN BITE-TYPE***  
***TUBE FITTINGS***  
***FOR DIN 2353/ ISO 8434***

**BUREAU VERITAS**  
Certification

**FLUIDTEQ SYSTEMS**

**FLUIDTEQ SYSTEMS**

SHED 208/4, KOTKAR IND EST, OFF AAREY ROAD, GOREGAON EAST,  
MUMBAI 400063

Bureau Veritas Certification Holding SAS – UK Branch certifies that the Management System of the above organization has been audited and found to be in accordance with the requirements of the Management System standard detailed below.

Standards

**ISO 9001:2015, ISO 14001:2015 &  
ISO 45001:2018**

Scope of certification

**DESIGN, MANUFACTURE & SUPPLY OF HYDRAULIC AND  
PNEUMATIC FITTINGS, VALVES, MANIFOLDS, CLAMPS, FLANGES  
AND ALLIED PRODUCTS AND PROVIDING TESTING SERVICES**

Original cycle start date: 27 June 2019  
Expiry date of previous cycle: Not Applicable  
Certification Audit date: 28 March 2019  
Certification cycle start date: 27 June 2019  
Subject to the continued satisfactory operation of the organization's Management System, this certificate expires on: 26 June 2022  
Certificate No. IND.19.8141 Version: 1 Revision date: 27 June 2019

Signed on behalf of BVCH SAS UK Branch  
Jagpreesh R. MANGAM  
Head – CERTIFICATION South Asia  
Commodities, Industry & Facilities Division

Certification body address: 8th Floor, 88 Piccadilly Street, London, E1 8DG, United Kingdom  
Local office: Bureau Veritas India Private Limited Certification Business Unit  
72 Business Park, Upper Indraprastha Area, MIDC Circle Road 'C',  
Andheri (East), Mumbai – 400 052, India  
Further confirmation regarding the scope of this certificate and the responsibility of the management system requirements may be obtained by contacting the organization.  
To check this certificate validity please call: +91 22 6574 2388

UKAS  
0008

**DNV-GL**

Statement No:  
O-EX-VERI-  
055/26/1102142  
0/2644A2

**STATEMENT OF CONFORMITY**

Owner: M/s. FLUIDTEQ SYSTEMS  
Name of system/installation: TYPE TESTS IN ACCORDANCE TO ISO 8434-1:2018(E)  
As Per DIN2533:2013-01  
Location: OFF- Jagat Sadguru Industrial/Premises CO-OP  
Society Ltd, Off Aarey Road, Goregaon (East)  
Mumbai 400063.  
Description: FAC- Gate No 20, Kotkar Industrial Estate, Aarey  
Road, Goregaon (East), Mumbai 400063.  
Witness & Approval of TYPE TESTS IN ACCORDANCE  
ISO 8434-1:2018(E) As Per DIN2533:2013-01  
Main Operational Limitations:  
Pressure: Test pressures are retained within +/- 5% PSIG  
Temperature: All tests carried out at ambient temperatures (25deg.C +/- 10deg.C)  
Services: Compression fittings for Power sectors, Fertilizer Unit, Railways, & Steel  
Industries  
Sizes: (10mmx1.5mm WT, 15mmx2.5mm WT, 22mm x 2.5mm WT, 28mm x 2.5mm  
WT)  
Test Medium: Demineralised water / SAE grade 10W Oil  
MOC of Fittings: ASTM A276 / ASTM A479 / ASTM A182 Type SS316 / SS304  
MOC of Tubes: ASTM A269 TP SS316/SS304 (Seamless)  
This is to verify:  
That the above mentioned system/installation has been verified, by appropriate methods, to comply with the requirements of ISO 8434-1:2018(E) AS PER DIN2533:2013-01, for the main operational limits stated above, and further outlined in the Reference documents listed below.  
Verification involvement:  
The verification of the above mentioned system/installation has been performed in accordance with ISO 8434-1:2018(E) AS PER DIN2533:2013-01 with the detailed scope of work described in the Reference documents mentioned below.  
The verification of the above mentioned system/installation has included:  
- Witness & Approval of tests in accordance to ISO 8434-1:2018(E) AS PER DIN2533:2013-01  
The detailed scope of work is described in the appended DNV GL Verification report.  
Validity:  
This statement is valid on the date of issue.  
Reference documents:  
FLUIDTEQ/DNVGL/ISO 8434-1:2018(E) DIN2533:2013-01/2019-2020/001, Did  
30.09.2020 (appendix)  
Print code: 009 202  
Revision: 2020-03  
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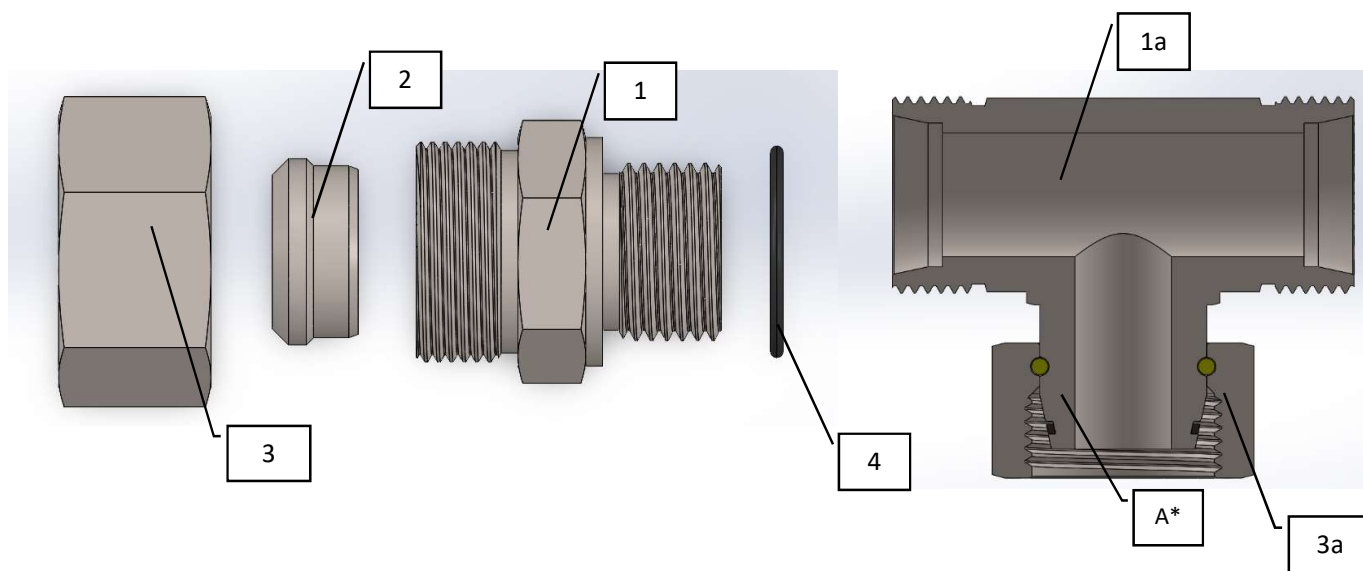
**DNV-GL**

Statement No:  
O-EX-VERI-  
035/20/1142182  
0/2644A2

**STATEMENT OF CONFORMITY**

Owner: M/s. FLUIDTEQ SYSTEMS  
Name of system/installation: TYPE TESTS IN ACCORDANCE TO: ASTM F1387-99  
(Re-approved: 2005 & 2012)  
Location: OFF- Jagat Sadguru Industrial/Premises CO-OP  
Society Ltd, Off Aarey Road, Goregaon (East)  
Mumbai 400063.  
Description: FAC- Gate No 20, Kotkar Industrial Estate, Aarey  
Road, Goregaon (East), Mumbai 400063.  
Witness & Approval of TYPE TESTS IN ACCORDANCE  
to ASTM F1387-99 (Re-approved: 2005 & 2012).  
Main Operational Limitations:  
Pressure: Test pressures are retained within +/- 5% PSIG  
Temperature: All tests carried out at ambient temperatures (25deg.C +/- 10deg.C)  
Services: Compression fittings for Oil & Gas, Power sectors, Fertilizer Unit, Railways, &  
Steel Industries  
Sizes: (1/4" ODx0.049" WT, 3/8" ODx0.065" WT, 1/2" ODx0.065" WT, 3/4" ODx0.083"  
WT, 1" ODx0.095" WT)  
Test Medium: Demineralised water / SAE grade 10W Oil  
MOC of Fittings: ASTM A276 / ASTM A479 / ASTM A182 Type SS316 / SS304  
MOC of Tubes: ASTM A269 TP SS316/SS304 (Seamless)  
This is to verify:  
That the above mentioned system/installation has been verified, by appropriate methods, to comply with the requirements of ASTM F1387-99 (Re-approved: 2005 & 2012), for the main operational limits stated above, and further outlined in the Reference documents listed below.  
Verification involvement:  
The verification of the above mentioned system/installation has been performed in accordance with ASTM F1387-99 (Re-approved: 2005 & 2012) with the detailed scope of work described in the Reference documents mentioned below.  
The verification of the above mentioned system/installation has included:  
- Witness & Approval of tests in accordance to ASTM F1387-99 (Re-approved: 2005 & 2012)  
The detailed scope of work is described in the appended DNV GL Verification report.  
Validity:  
This statement is valid on the date of issue.  
Reference documents:  
FLUIDTEQ/DNVGL/ASTM F1387-99 (Re-approved 2005 & 2012)/2019-2020/001, Did  
30.09.2020 (appendix)  
Print code: 008 202  
Revision: 2020-03  
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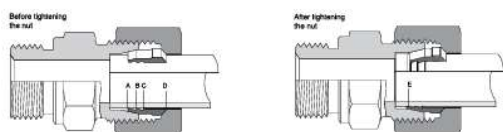
Pressure Rating 100 bar (1450 psig) to 800 bar (11600 psig)



	Component	Material of Construction	
		Stainless Steel	Steel
1/1a	Body- Straight/ Angled	Bar Stock- ASTM A479- TP304/304L and TP316/316L Forgings- ASTM A182- TP304/304L and TP316/316L	Bar Stock- ASTM A108- Gr 1015-1022 (Plating Zn- Ni) Forgings- ASTM A105/ SAE 1015
2	Cutting Ring/ Ferrule	ASTM A276- TP316/316L/316 Ti	ASTM A108 Gr 12L14
3/3a	Nut/ Swivel Nut	ASTM A479- TP304/304L and TP316/316L	ASTM A108- Gr1015-1022 or EN1A
4	Soft Seal/ Elastic Seal	NBR, Viton	

#### Design Features:

1. Design standard as per DIN 2353/ ISO 8434-1, offered in Light, Medium & Heavy Series.
2. Type Test and Performance tested as per ISO 19879/ ISO 8434-5. Supplementary tested for Pull out as per IACS P211:2001, Shock and Vibration as per BS EN 61373:2010.
3. Ferrule/ Cutting Ring hardened as per customers tubing requirements.
4. Nuts are Silver plated to prevent galling.
5. Low-Torque Installation, availability of pre-installation tools (for installation in tight spaces), on-site installation also available.
6. Heat-Code traceability.



#### Material specification

Fitting Materials	Steel	DIN 3859
	Brass	CuZn35Ni2 in accordance with DIN17660/17672, Material No. 2.0540
	Stainless Steel	X6CrNiMoTi 17122 to DIN17440 Material No. 1.4571 or ASTM A479 type 316
Elastomer Materials	Buna-N	
	Viton	DIN 17660 FPM(VITON)

#### Permissible operating temperature(TB) range

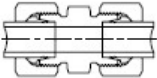

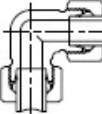
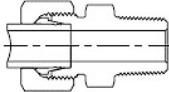
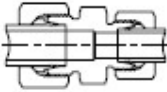
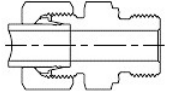
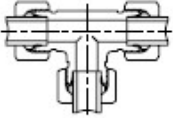


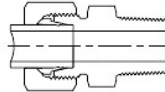
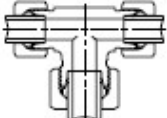
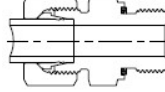


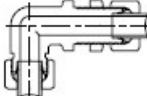

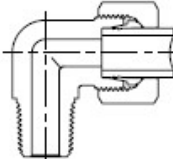
##### A) For fittings materials

Material	Temperature
Steel	-40°C to + 120°C (DIN 3859)
Brass	-60°C to + 175°C (DIN 17660/17672)
Stainless steel	-60°C to + 400°C (DIN 17440)

Please refer to the information given in the section "Reduction of Pressure"

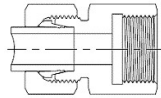
##### B) For sealing materials

Material	Temperature
NBR (e.g. Perbunan)	-35°C to + 100°C
FPM (e.g. Viton)	-25°C to + 200°C
PTFE (e.g. Teflon)	-60°C to + 240°C

Tube to Tube		Equivalent in EO	Tube to Male Thread		Equivalent in EO
SC Straight Union		G	SCU/SCM Male Connector (UNF/Metric Thread) with O-ring		GEUNF/GE O
SE Union Elbow		W	SCX Male Connector (BSP Tapered)		GE-R-KEG
SCR Reducing Union		GR	SCP Male Connector (BSP Parallel)		GE-R
ST Union Tee		T	SCM Male Connector (Metric Parallel)		GE-M
SK Union Cross		K	SCM-X Male Connector (Metric Tapered)		GE-M-KEG
STR Reducing Tee		TR	SCP-NR Male Connector with ED ring (BSP Parallel)		GE-R-ED
SCBH Bulkhead Union		SV	SCM-NR Male Connector with ED ring (Metric Parallel)		GE-M-ED
SEBH Bulkhead Elbow		WSV	SCN Male Connector (NPT Thread)		GE-NPT
			SE-Rx/ SE-Mx Male Elbow (BSP Tapered/ Metric Tapered)		WE-R/M-KEG

Tube to Female Thread	Equivalent in EO
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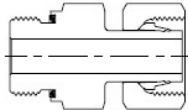
SCFP/SCFM  
Female Connector  
(BSP Tapered/  
Metric Tapered)



GAI-R/M

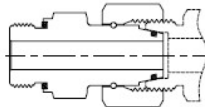
Tube Stud to Female Port	Equivalent in EO
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Arp-SP-NR  
Adaptor  
(BSP Tapered/ Metric Parallel)  
with ED ring



EVGE-R/M-  
ED

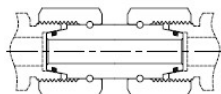
Arp-SW-NR  
Swivel Adaptor  
(BSP Tapered/ Metric Parallel)  
with ED ring



EVGE-R/M-  
ED

Tube to Tube (Swivel)	Equivalent in EO
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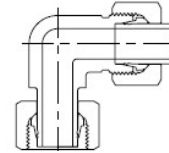
SCSW  
Swivel  
Union



GZ

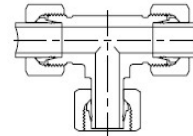
Tube to Tube Stud	Equivalent in EO
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SESP  
Adjustable  
Standpipe Elbow



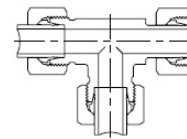
EVW

STBSP  
Adjustable  
Standpipe  
Branch Tee



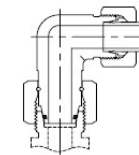
EVM

STRSP  
Adjustable  
Standpipe Run  
Tee



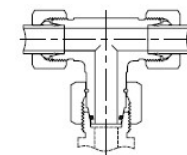
EVL

SESW  
Adjustable Swivel  
Elbow



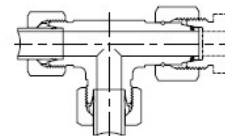
EW

STBSW  
Adjustable  
Swivel Branch  
Tee



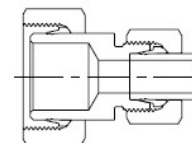
EVT

STRSW  
Adjustable  
Swivel Run  
Tee




EL

SCSP-R  
Standpipe  
Reducer




KOR


Male & Female Adaptors	Equivalent in E0	SFF Ferrule/ Cutting Ring	
SRB Male Female Adaptor (BSP Parallel)	RI		DPR
SRB-NR Male Female Adaptor (BSP Parallel) with ED Ring	RI-ED		

Spare Parts	Equivalent in E0
TI Tube Insert	VH
CN Bulkhead Lock-nut	GM
OR-SW Sealing ring for Swivel Cone	DKI
NR ED ring	ED
SN Nut	M



 Head-quarters : Plot no 20, Kotkar industrial estate,  
Off Aarey Road, Goregaon East, mumbai- 400063.

 <http://fluidteqsystems.com>  [comms@fluidteqsystems.com](mailto:comms@fluidteqsystems.com)

 022-40032488 / 022-40032489 / 022-40032490