



Shell Global Solutions

# CERTIFICATE OF ACCEPTANCE

This is to certify that Supplier Technical Assessment Record (STAR) level 2 (Pending) is awarded to:

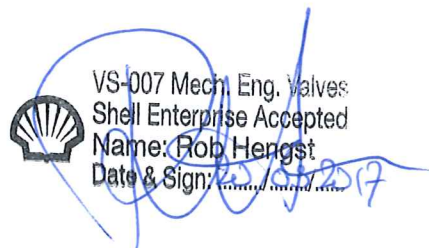
## OMB - Fluicon Valves S.r.l.

Manufacturing location:	Via Europa, 24069, Cenate Sotto (BG), Italy
Based on the Technical Qualification carried out during February 2017 in accordance with testing procedure SPE 77/300 dated February 2017 has been accepted by Shell Global Solutions International B.V. based on successful Design Validation Testing (DVT) result of:	
DN200 pressure class 600; triple offset Butterfly valve with Shell MESC - 77.44.31.115.1 (Item-01)	
TAT Dates:	From 13 <sup>th</sup> to 17 <sup>th</sup> of February 2017 (week 07)
The Technical Audit status is currently: Pending, awaiting the Technical Audit to be performed.	
The 2-STAR (Pending) rating in the Shell Global Solutions Technically Accepted Manufacturers and Products (TAMAP) database is applicable to the MESC Sub- Groups, listed in Technical Specification MESC SPE 77/300B in accordance with tested valve description on page 2.	
Restrictions / Conditions Applicable:	None
Shell GSI report: SR.17.10370	Original acceptance: 17/02/2017
Shell GS contract: 142650	Current certificate: 17/02/2017
Acceptance certificate: 2017-02-017	Certificate expiry: 17/02/2022
	Issued by Shell Global Solutions International B.V. PTE-EMMI

**Name:**

Rob Hengst  
GSNL-PTE/EMMI

**Signature:**



VS-007 Mech. Eng. Valves  
Shell Enterprise Accepted  
Name: Rob Hengst  
Date & Sign: 17/02/2017

### The valve qualification range according following tested valve:

#### Item-01: DN200 pressure class 600; triple offset Butterfly valve with Shell MESC - 77.44.31.115.1

Technical Classification Code:	BU-TO-MG-BD-OP-BC-XX-API609-ST
Product Group Description	<p>Double flanged, metal seated, triple offset Butterfly valve, bi-directional</p> <p>Body material: ASTM A351 Grade CF8M</p> <p>Disc material: ASTM A351 Grade CF8M</p> <p>Integral seat material: Stellite-21</p> <p>Stem material: ASTM A479 Grade XM-19 (UNS S20910)</p> <p>Seal ring material: ASTM A240 Type 316/316L Hardened</p> <p>Bearing material: ASTM A479 UNS S31600 Hardened</p> <p>Bottom flange material: ASTM A240 316/316L</p> <p>Sealing material: Graphite</p>
Shell Fugitive Emission Class:	B
Test Temperature Range:	From -50 °C to +450 °C
Size and Pressure Range:	<p>Internal Bore: DN80, DN100, DN150, DN200, DN250 and DN300</p> <p>Pressure classes: 150, 300 and 600</p>
Brand name & Model Designation:	OMB - Fluicon Valves
GA Drawing of TA-tested valve:	GA-TOBV-1308021-1 with revision-0



VS-007 Mech. Eng. Valves  
 Shell Enterprise Accepted  
 Name: Rob Hengst  
 Date & Sign: 25/04/2017