



Project: FIRE TEST FOR SOFT-SEATED FLANGED BALL VALVE

Certificate No.: HAV 400035/3

Client: SGD MECA-INOX

Office: ROUEN

Client's Order No.: 57226/2210/MC/MC

Date: 31/3/94

Order Status: INCOMPLETE

Inspection dates

First: 22/03/94

Final: 22/03/94

This certificate is issued to Messrs. SGD MECA-INOX, to certify that G. CAMPOURCY, the undersigned Surveyor to this Society did attend at Messrs. S.N.E.R. (SOCIETE NOVATRICE D'ETUDES ET DE REALISATIONS) premises at 27600 - GAILLON, France, in order to witness fire tests on the following valve according to specification B.S. 6755 (part 2) 1987 and amendment N°2, including the requirements of API 6FA and API 607-1985.

ONE SOFT-SEATED FLANGED BALL VALVE

Symetric and bidirectional, hand lever operated
DN32/PN40 - Dwg N° 8939 - weight 8.2 Kgs

MATERIALS : Body: A 351 CF8M
Ball: AISI - SS 316L
Seat: PTFE
Body joint: SPIRAL 316 L + PTFE + Graphite
Gland packing: Graphite

The above valve has been submitted in our presence to the fire test procedure as laid down in above B.S. specification and found to meet all requirements of this procedure.

The performances are to be seen on Messrs. S.G.D. MECA-INOX cert. N° SF/MECA N°002/94 which was reviewed and signed accordingly and must be considered as an addendum to this report.

So far as the tests now carried out and in view of the satisfactory recorded performance the other sizes and ratings qualified are : -

<u>DN QUALIFIED</u>	<u>PN RATINGS</u>	<u>CLASS RATINGS</u>
15-20-25-32- 40-50-65	40 - 50	300-400-600
65-80-100-125	16-20-25	150-300

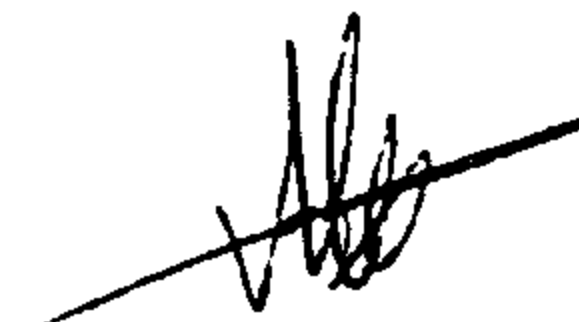
The following stainless steel valves of the same basic design but with shortened dimensions - Serie 14 - are also qualified their mass being at least 90% of the above qualified valves.

Shortened Valves : - Dwg N° 9024 and 9025.

	<u>DN 15</u>	<u>DN 20</u>	<u>DN 25</u>	<u>DN 32</u>	<u>DN 40</u>	<u>DN 50</u>
Weight of valves	3	4.6	5.6	8.2	9.4	14.3
(Kgs)	2.9	4.5	5.4	7.9	9.0	13.5
	<u>DN 65</u>	<u>DN 80</u>	<u>DN 100</u>			
	19	27.1	36			
	17.6	25.1	33.2			

Shortened end qualified valves: -

<u>DN QUALIFIED</u>	<u>PN RATINGS</u>	<u>CLASS RATING</u>
15-20-25-32- 40-50-65	40-50	300-400-600
65-80-100-125	16-20-25	150-300



G. CAMPOURCY
Surveyor to LLOYDS REGISTER