

INSPECTION REPORT

Item[s] inspected:			
Hydrostatic Inspection for Rubber Casketed Fittings, Grooved and Plain End Fittings			
Manufacturer / Supplier: National Fittings Ltd, Coimbatore		Report No: IR/PRJN/MG/2025/5010	
		Manufacturer's order no. -	
Purchaser: National Fittings Ltd, Coimbatore		Purchaser's order no. NFL/DNV/2025-26/89 19/04/2025	
Destination/ Supplementary information: National Fittings Ltd, Coimbatore			
SPECIFICATIONS/ STANDARDS			
ITP: As per Factory Manual (FM)		Approved by the NFL	
Specification: ANSI/UL-13/AWWA		-	
DRAWINGS			
As per the approved Catalogue (Style)		Approved by the NFL	
INSPECTION/ TEST RESULTS			
Inspection and test as indicated were carried out: -			
Note: A = acceptance - = not applicable			
A	Reviewed material test certificates	-	-
A	Verified identification, Marking as per catalogue	-	-
A	100% visual check	-	-
A	Random dimension check	-	-
A	Hydrostatic pressure test	-	-
A	Verified maximum bending moment while testing – refer table.	-	-
Data/ inspection and test results attached are shown overleaf.			
Inspection Date: 08-05-2025			
Order completed:	☐ No ☒ Yes	Completion date: 19-05-2025	Continued separate attachment: ☒ Yes ☐ No
Marking The stamping is placed on as " " For Identification.	The item[s] were inspected and tested in the condition and are found to be by the above specification/ standard. JR Number:  Coimbatore ----- Place 19-05-2025 ----- Date  ----- Surveyor's sign/stamp		
Except for the obligations under section 12.1 or in case of fraud or fraudulent misrepresentation or other similar circumstances for which a party may not lawfully limit its liability under this Agreement's applicable law, DNV's total maximum liability (and whether in contract, tort including without limitation negligence, breach of statutory duty, under any indemnity or otherwise howsoever) arising out of or about this Agreement and the performance or non-performance of any Work or Deliverables shall be limited to a sum equal to ten times the remuneration paid to DNV under this Agreement, up to a maximum aggregate sum of USD 300,000 (three hundred thousand).			

Details of Inspection carried out as per approved procedure/specification and catalogue requirements:

1. Reviewed calibration status of instruments, equipment used for testing and found valid.
2. Witnessed internal qualification test for mechanical tee, reducer tee, flexible coupling, end cap, concentric reducer, rigid coupling, etc. (refer to more items below annexure) and checked hydrostatic pressure tests – Satisfactory.
3. Witnessed hydrostatic test at 900 PSI G, hold for 5-minutes and found no leaks, no pressure drop – acceptable.
4. Witnessed maximum bending moments for internal qualification for the below fitting style and found within the acceptable limit as per UL specification.
5. Visually satisfactory.
6. Reviewed inspection documents.

Result:

The below fittings were witnessed and the report are verified as per specification and results found acceptable. Hence cleared for further process.

Annexure

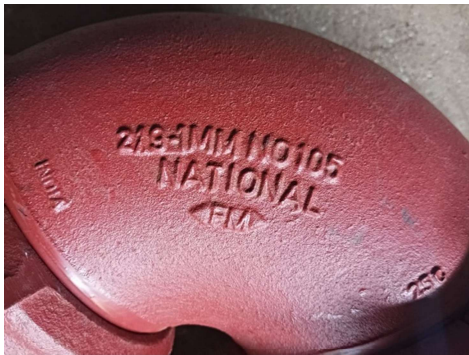
STYLE	ITEM	SIZE	RATED PRESSURE (psi)	TESTED PRESSURE (psi)	DURATION
STYLE 2	COUPLING	2, 2-1/2, 3, 4, 6, 8	600	900	5 Minutes
STYLE 5	RIGID COUPLING	1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 3 OD, 4, 5, 5-1/2OD, 6, 6-1/2OD, 8, 10,12	600	900	5 Minutes
STYLE 11	STD WT CPLG	1-1/4, 1-1/2, 2, 2-1/2, 3, 3 OD, 4, 5, 5-1/2OD, 6, 6-1/2OD, 8, 10, 12	600	900	5 Minutes
STYLE 12	EX LT WT CPLG	1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 3 OD, 4, 5, 5-1/2OD, 6, 6-1/2OD, 8	600	900	5 Minutes
STYLE 14	GRVD FLANGE	2, 2-1/2, 3, 3OD, 4, 5, 6, 6-1/2OD,8	600	900	5 Minutes
STYLE 14 PN 16	GRVD FLANGE	2, 2-1/2, 3, 3OD, 4, 5, 5-1/2, 6, 6-1/2OD, 8, 10, 12	600	900	5 Minutes
STYLE 102	22.5 ° ELBOW	1-1/4, 1-1/2, 2, 2-1/2, 3, 4, 5, 6, 6-1/2, 8,	600	900	5 Minutes
STYLE 103	11-1/4° ELBOW	1-1/4, 1-1/2, 2, 2-1/2, 3, 4, 5, 6, 6-1/2, 8,	600	900	5 Minutes

STYLE 15	GRV MECH TEE	2 X 1-1/4, 2 X 1-1/2, 3X1-1/4, 3X 1-1/2, 3 X 2, 4 X 1-1/4, 4 X 1-1/2, 4 X 2, 4 X 2-1/2, 4 X 3, 5 X 1-1/4, 5 X 1-1/2, 5 X 2, 5 X 2-1/2, 5 X 3, 6 X 1-1/4, 6 X 1-1/2, 6 X 2, 6 X 2-1/2, 6 X 3, 6 X 4, 6-1/2 X 1-1/4, 6-1/2 X 1-1/2, 6-1/2 X 3OD, 8 X 2, 8 X 2-1/2, 8 X 3, 8 X 3OD, 8 X 4	600	900	5 Minutes
STYLE 16	MECH TEE	2 X 1/2, 2 X 3/4, 2 X 1, 2 X 1-1/4, 2 X 1-1/2, 2-1/2 X 1/2, 2-1/2 X 3/4, 2-1/2 X 1, 2-1/2 X 1-1/4, 2-1/2 X 1-1/2, 3 X 1/2, 3 X 3/4, 3 X 1, 3 X 1-1/4, 3 X 1-1/2, 3X2, 3ODX 1/2, 3OD X 3/4, 3OD X 1, 3OD X 1-1/4, 3OD X 1-1/2, 4 X 1/2, 4 X 3/4, 4 X 1, 4 X 1-1/4, 4 X 1-1/2, 4 X 2, 4 X 2-1/2, 4 X 3, 5 X 1-1/4, 5X1-1/2, 5X2, 5 X 2-1/2, 5 X 3, 6 X 1, 6 X 1-1/4, 6 X 1-1/2, 6 X 2, 6 X 3OD, 6 X 3, 6 X 4, 6-1/2 X 1-1/4, 6-1/2 X 1-1/2, 6-1/2 X 2, 6-1/2 X 2-1/2, 6-1/2 X 3OD, 6-1/2 X 3, 6-1/2 X 4, 8 X 2, 8 X 2-1/2, 8 X 3, 8 X 3OD, 8X4	600	900	5 Minutes
STYLE 25	RED CPLG	2 X 1 1/2, 2 1/2X2, 3X2, 3 X 2 1/2, 4 X 2, 4 X 2 1/2, 4 X 3OD, 4 X 3, 6 1/2 X 4, 6 X 4, 8 X 6 1/2, 8 X 6	600	900	5 Minutes
STYLE 100	90 ° ELBOW	1-1/4, 1-1/2, 2, 2-1/2, 3, 3-1/2, 4, 5, 6, 6-1/2, 8, 10, 12, 3OD, 5-1/2 OD	600	900	5 Minutes
STYLE 101	45 ° ELBOW	1-1/4, 1-1/2, 2, 2-1/2, 3, 3-1/2, 4, 5, 6, 6-1/2, 8, 10, 12, 3OD, 5-1/2OD	600	900	5 Minutes
STYLE 105	90 ° ELBOW	1-1/4, 1-1/2, 2, 2-1/2, 3, 4, 5, 6, 6-1/2, 8, 3OD	600	900	5 Minutes
STYLE 106	45 ° ELBOW	1-1/4, 1-1/2, 2, 2-1/2, 3, 4, 5, 6, 6-1/2, 8, 3OD	600	900	5 Minutes
STYLE 107	EQ TEE	1-1/4, 1-1/2, 2, 2-1/2, 3, 4, 5, 6, 6-1/2, 8, 3OD	600	900	5 Minutes
STYLE 110	EQ TEE	1-1/4, 1-1/2, 2, 2-1/2, 3, 3-1/2, 4, 5, 6, 6-1/2, 8, 10, 12, 3OD, 5-1/2OD	600	900	5 Minutes
STYLE 111	BULLHEAD TEE	1-1/2 X 1-1/2 X 2, 2 X 2 X 2- 1/2, 2 X 2X3, 2-1/2X2-1/2X3, 2 X 2 X 4, 2 - 1/2 X 2- 1/2 X 4, 3X3X4, 4 X 4 X 6	600	900	5 Minutes
STYLE 115	RED TEE	8 X 8 X 2, 8 X 8X 3, 8 X 8X4, 8 X 8 X 6, 8 X 8 X 2 -1/2, 2 X 2 X 1, 2 X 2 X 1- 1/4, 2 X 2 X 1 -1/2, 2- 1/2 X 2- 1/2 X 1, 2- 1/2 X 2- 1/2 X 2, 3 X 3 X 1, 3 X 3 X 1-1/4, 3 X 3 X 1- 1/2, 3 X 3 X 2, 3 X 3 X 2- 1/2, 3 X 3 X 3 OD, 4 X 4 X 1, 4 X 4 X 1- 1/4, 4 X 4 X 1- 1/2, 4 X 4 X 2, 4 X 4 X 3OD, 4 X 4 X 2- 1/2, 4 X 4 X 3, 5 x 5 x 2- 1/2, 5 x 5 x 3, 5 x 5 x 4, 6 x 6 x 2, 6 x 6 x 2- 1/2, 6 x 6 x 3, 6 x 6 x 4, 6 x 6 x 5, 6 x 6 x 5-1/2 OD, 8 x 8 x 5-1/2OD, 8 x 8 x 6-1/2 OD, 5-1/2ODX5-1/2ODX3, 5-1/2ODX5-1/2ODX4, 6-1/2ODX6-1/2ODX2, 6-	600	900	5 Minutes

		1/2ODX6-1/2ODX2-1/2,6-1/2OD X 6-1/2OD X 3OD, 6-1/2OD X 6-1/2OD X 3, 6-1/2ODX6-1/2ODX4 , 6-1/2ODX6-1/2ODX5,6-1/2ODX6-1/2ODX5-1/2OD,10x10X3,10x10x4,10x10x5, 10x10x 6,10X10X6.5OD 12x12x5,12x12x6,12x12x 8, 3 ODX3ODX1-1/2,3ODX3ODX2, 8x8x3OD,8x8x5,10X10X8,12x12x 4			
STYLE 120	RED TEE (SR)	2 x 2 x 1 1/2 , 2 1/2 x 2 1/2 x 1 1/2 , 2 1/2 x 2 1/2 x 2 , 3 x 3 x 1 -1/2, 3 x 3 x 2, 3 x 3 x 2- 1/2, 4 x 4 x 1-1/2, 4 x 4 x 2, 4 x 4 x 2 -1/2, 4 x 4 x 3, 3 x3 x 3OD, 4 x 4 x 3 OD, 6 x 6 x 2, 6 x 6 x 2- 1/2, 6 x6 x3, 6 x 6x 4, 8 x 8 x 2, 8 x 8 x 2 1/2, 8 x 8 x 3 OD, 8 x 8 x 3, 8 x 8 x 4, 8 x 8 x 6 1/2, 8 x 8 x 6	600	900	5 Minutes
STYLE 135	CROSS TEE	2, 2 1/2, 3, 3 OD, 4, 5, 6, 6-1/2	600	900	5 Minutes
STYLE 140	CON RED	2 X 1 1/4 2 1/2 X 2 3 X 1 1/4 3 X 2 3 X 2 1/2 4 X 2 4 X 2 1/2 4 X 3 5 X 3 5 X 4 6 X 2 6 X 2 1/2 6 X 3 6 X 4 8 X 2 1/2 8 X 3 8 X 4 8 X 6 10 X 4 10 X6 10 X 8 12 X 4 12 X 6 12 X 8 12 X 10 2 x 2 1/2 3 OD X 2 4 X 3 OD 3 x 3OD 6 x 5 6 1/2(OD) x 2 6.5(OD) x 3(OD) 8 x 3(OD) 8 x 6.5(OD) 3OD X 1 1/4 3OD X 1 1/2 5 1/2OD X 4 ,6 1/2OD X 3 ,6 1/2OD X 4 6-1/2ODX5-1/2OD 6X3OD 8X5 12 X 6 1/2OD 6 X 5 1/2OD 10X3 10X 5 1/2 10X5 10 X 6 1/2	600	900	5 Minutes
STYLE 145	ECC RED	2 X 1- 1/4 , 2 X 1- 1/2, 2 -1/2 X 2, 3 X 1-1/4, 3 X 2, 3 x 2 1/2, 4 x 2, 4 x 2 -1/2, 4 x 3, 5 x 2, 5 x 2- 1/2, 5 x 3 5 x 4, 6 x 2, 6 x 2- 1/2, 6 x 3, 6 x 4, 6 x 5 ,8 x 3 , 8 x 4 , 8 x 5 , 8 x 6 , 10 x 3 , 10 x 4 , 10 x 5 , 10 x 6 , 10 x 8, 12 x 4 , 12 x 6,12 x 8, 12 x 10	600	900	5 Minutes
STYLE 150	END CAP	1 1/4, 1 1/2, 2, 2 1/2, 3, 3 1/2, 4, 5, 6, 8,10 12	600	900	5 Minutes
STYLE 155	END CAP	1 , 1 1/4, 1 1/2, 2, 2 1/2, 3, 3 1/2, 4, 5, 5-1/2,6,6-1/2, 8	600	900	5 Minutes
STYLE 190	FAD	2, 2-1/2, 3, 4, 5, 6, 8	600	900	5 Minutes
STYLE 190 PN 16	FAD	2, 2-1/2, 3, 4, 5, 6, 8	600	900	5 Minutes

Photographic Register:

	
Description: Pressure Test	Description: Pressure Test
	
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