	MORE INSPECTION INTERNATIONAL SERVICES	REV.00 REPORT NO.: WCB-644-001 DATE OF ISSUE: 1/7/2026
	INSPECTION REPORT	Sheet **1** of **17**

PROJECT NAME	-		
CLIENT / END USER	**GERAB NATIONAL ENTERPRISE LLC**		
CONTRACTOR			
MATERIAL DESCRIPTION	**FITTINGS**		
SA DUMMY PO NO.	**WCB-644 -PO 2113756887**		
CONTRACTOR PO NO.	-		
MR NO.	-		
INSPECTION LOT NO.	-	**INSPECTION LEVEL**	
VENDOR / MANUFACTURER	**THAI BENKAN CO., LTD.**	**INSP. PLACE**	**Bangkok, Thailand**

STAGE OF INSPECTION	**DESCRIPTION**
☐ BEFORE MF'G	
☒ DURING MF'G	
☐ FINAL	**Visual and Dimensional Inspection, Rust Prevention Coating Checked (DFT), and Material Certificates Reviewed and Approved.**

INSPECTION SUMMARY

A representative spot check was carried out for each PO item to verify the PO Item No. and Manufacturer's Identification (MFG No.), as a 100% visual inspection could not be performed because all fittings were packed in wooden boxes. The spot check included verification of the surface condition, presence of rust, bevel condition, dimensions, overall appearance, dot-peen marking, coating condition, dry film thickness (DFT), and review of the Material Test Certificates (MTCs). The MTCs were reviewed and found to comply with the applicable project specifications and purchase order requirements.

During the inspection, minor damage to the bevel angle was observed on some fittings. The damaged bevels were rectified by the manufacturer and subsequently re-inspected. The re-inspection results were found to be acceptable. No other surface defects or rust were observed on the inspected samples. The inspected dimensions were found to be within the specified tolerances. The overall appearance, dot-peen marking, coating condition, and DFT were verified and found to comply with the applicable project specifications and purchase order requirements.

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DATE OF VISIT	INSPECTION HRS.		REPORTING HRS.	TRAVEL HRS.	TRAVEL DISTANCE	TOTAL HRS
	Normal	OT				
29 June 2026	8	-	1	1	47	10
1 July 2026	8	-	1	1	47	10
2 July	5	-	-	-	47	5

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Scope of Inspection

Description	W	M	R
Mill certificates	☐	☐	☒
Material identification	☒	☐	☐
Welding production test plates / PQR's	☐	☐	☐
Mechanical tests for test plates / PQR's	☐	☐	☐
N.D.E. (RT, UT, PT, MT)	☐	☐	☒
P.M.I.	☐	☐	☐
Hardness test	☐	☐	☒
Cryogenic test	☐	☐	☐
Thickness test	☐	☐	☒
Holiday test	☐	☐	☐
Visual and dimensional	☒	☐	☐
Weld preparation	☐	☐	☐
Welding inspection	☐	☐	☐
Anchor bolts and jig plate	☐	☐	☐
Formed head	☐	☐	☐
Flange face finishing	☐	☐	☐
Internals	☐	☐	☐
Pneumatic test	☐	☐	☐
Hydrostatic test	☐	☐	☒
Heat treatment	☐	☐	☒
Impeller over speed test	☐	☐	☐
Rotor balance test	☐	☐	☐
Running test	☐	☐	☐
Performance test	☐	☐	☐
N.P.S.H. test	☐	☐	☐
Vibration measurement	☐	☐	☐
Noise measurement	☐	☐	☐

Description	W	M	R
String test	☐	☐	☐
Leak test	☐	☐	☐
Inspection after dismantling	☐	☐	☐
Alignment check	☐	☐	☐
Electrical certificates	☐	☐	☐
Calibration certificates	☐	☐	☐
Routine or type test	☐	☐	☐
Electrical test	☐	☐	☐
Loop test	☐	☐	☐
Sequence test	☐	☐	☐
Insulation resistance test	☐	☐	☐
Wiring	☐	☐	☐
Earthing	☐	☐	☐
Final acceptance test	☐	☐	☐
Tie-in points	☐	☐	☐
Painting and coating	☒	☐	☐
Preservation	☒	☐	☐
Name plate	☐	☐	☐
Tagging and marking	☒	☐	☐
Packing	☒	☐	☐
Quantity	☒	☐	☐
MRB	☐	☐	☒
Others:	☐	☐	☐
	☐	☐	☐
	☐	☐	☐
	☐	☐	☐
	☐	☐	☐

W = Full witness M = Monitoring R = Document review

NARRATIVE:

1. ATTENDEES

Attendee Name	Position	Company Name	Email ID	Contact No.
Mr.Bandit Sarttrawut	QA Staff	Thai Benkan	qa@thaibenkan.co.th	+66 989092277
Mr.Panupong Malisorn	QC Dimension Check	Thai Benkan	-	-

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2. APPLICABLE CODES AND STANDARDS

Doc. No.	Revision (Date)	Description
ASTM A234-24 / ASME SA234-23 WPB	-	Seamless carbon steel butt welding fittings
ASME B16.9	-	Factory-Made Wrought Butt-Welding Fittings
ASME Section II Part A-23	-	Ferrous Material Specifications
NACE MR0175/ISO15156	-	International Standard NACE MR0175/ISO 15156-1

3. APPLICABLE VENDOR DOCUMENTS

Doc. No.	Revision	Approval Status	Description
TBC-ITP25-026	1		Inspection and Test Plan
GSSSM-FBC-GOR-BKL	4		Manufacturer's Standard

4. P.O. ITEMS PRESENTED FOR INSPECTION

P.O Item No.	Tag Number / MFG No.	Description	Quantity
4	68M-00M078	ASME 45EL WPB 2 STD	800
20	68M-20M175	ASME RC WPB 14 x 8 S80	2
29	68M-20M084	ASME RC WPB 4 x 3 XS	10
44	68M-20M199	ASME RE WPB 3 x 2 XS	44
59	68M-10M133	ASME TEE WPB 6 x 4 STD	50

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5. P.O. ITEMS NOTIFIED BUT NOT READY FOR INSPECTION

P.O Item No.	Tag Number / MFG No.	Description	Quantity
43	68M-20M198	ASME RE WPB 3 x 1 XS	15
44	68M-20M199-1	ASME RE WPB 3 x 2 XS	6
58	68M-10M132	ASME TEE WPB 8 STD	9
58	68M-10M132-1	ASME TEE WPB 8 STD	1
61	68M-10M134	ASME TEE WPB 14 S80	2

6. INSPECTION PERFORMED & RESULTS

ITP No.: **REV.**

ITP Step	Description	Results
9	**Final inspection: Visual and Dimension Check**	**Accepted**
12	**Rust Preventive Coating (Black Coating)**	**Accepted**
14	**Material certificates (All test records) Design proof test report (burst test)**	**Accepted**

7. INSPECTION DETAILS

The spot check included verification of the surface condition, presence of rust, bevel condition, dimensions, overall appearance, dot-peen marking, coating condition, dry film thickness (DFT) and review of the Material Test Certificates (MTCs). The inspected dimensions were found to be within the specified tolerances and manufacturer standards.

The MTCs were reviewed and signed. All test records were found to comply with the applicable project specifications and purchase order requirements. The design proof test report (burst test) was available for review and reference.

8. MEASURING AND TEST EQUIPMENT

Identification No	Description	Calibration Due Date
K1U-011	Vernier Height Gauge	09/10/2026
K1D-340	Dial Thicknes Caliper	19/10/2026
K1N-117	Venier Calipers	09/10/2026
K1N-123	Venier Calipers	09/10/2026
K1B-034, K1B-037	Bevel Gauge Ruller	09/10/2026
K1L-023	45° Mitre Angle Device	09/10/2026
K1D-330	Digital Thickness Gauge	09/10/2026
CTG-05	PosiTector (Digital DFT Gauge)	01/09/2026

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9. ATMOSPHERIC PARAMETERS: NONE

Parameters	Measurements	Remarks
Temperature		
Relative Humidity		
Dew Point Temperature		
Wet Bulb Temperature		
Dry Bulb Temperature		
Wind speed.		

10. OUTSTANDING MATTERS / ACTION: NONE

Outstanding matters / Action	Action by	Due date

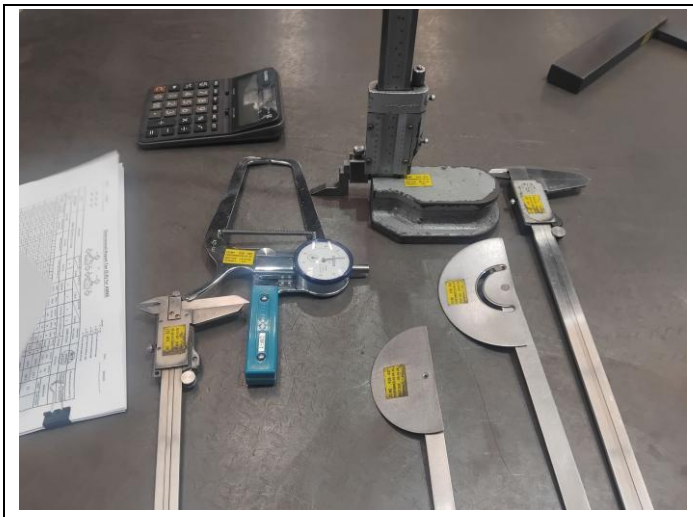
11. NEXT EXPECTED INSPECTION VISIT: N/A

12. ATTACHMENTS

1	**PACKING LIST_WCB-644**
2	**MATERIAL TEST CERTIFICATES (MTC WCB-644)**
3	**DESIGN PROOF TEST REPORTS**

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13. PHOTOS



Checked Measuring and Test Equipment's



Visual Checked of Bevel and End Cap

PO. ITEM NO. 4: MFG NO.68M-00M078 FOR ASME 45EL WPB 2 STD (See the Photos Below)



FIG.1: Visual Checked and Marking by Dot-Peen



FIG.2: Checked Outside Diameter

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FIG.3: Checked Inside Diameter



FIG.4: Checked Wall Thickness



FIG.5: Checked Bevel Angle



FIG.6: Checked Root Face

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FIG.7: Checked Center to End



FIG.8: Checked Off Angle

PO. ITEM NO. 20: MFG NO. 68M20M175 FOR ASME RC WPB 14 x 8 S80 (See the Photos Below)



FIG.1: Checked OD. Of Side A.



FIG.2 Checked Marking by Dot-Peen

INSPECTOR NAME: Somporn K.	INSPECTOR STAMP: *Somporn K.*	Reviewed By: Somporn K.



FIG.3: Checked ID. Side A.



FIG.4: Checked Bevel Angle



FIG.5: Checked Root Face



FIG.6: Checked Wall Thickness

INSPECTOR NAME: Somporn K.	INSPECTOR STAMP: *Somporn K.*	Reviewed By: Somporn K.



FIG.7: General Visual Checked

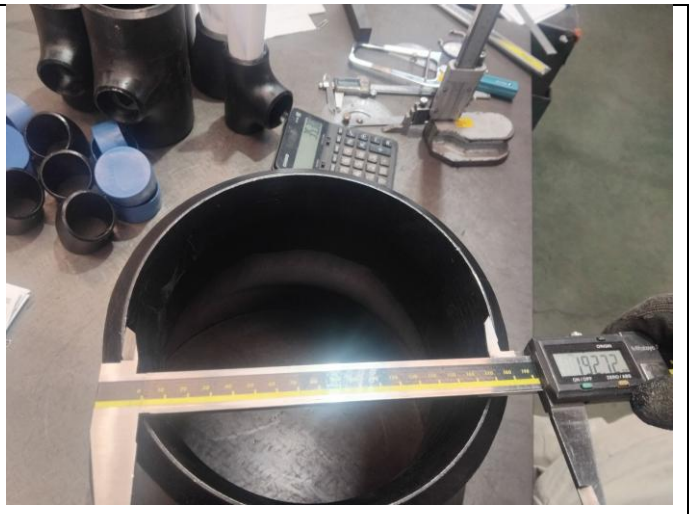


FIG.8: Checked ID. Side B



FIG.9: Checked Taper Bore

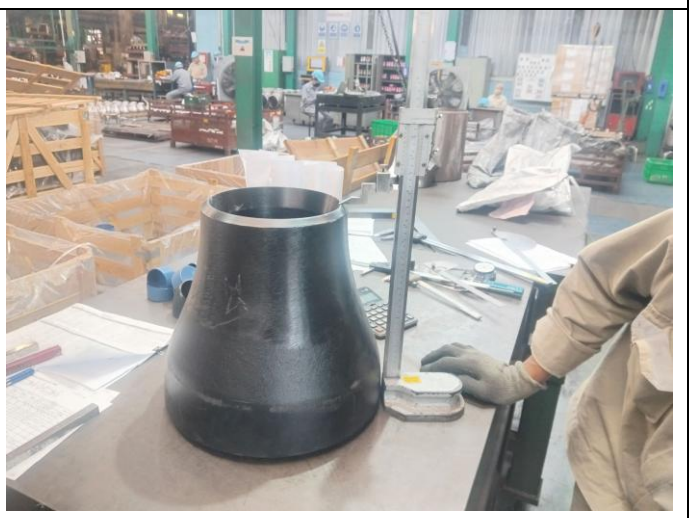


FIG.10: Checked End to End

INSPECTOR NAME: Somporn K.	INSPECTOR STAMP: *Somporn K.*	Reviewed By: Somporn K.

PO. ITEM NO. 29: MFG NO. 68M20M184 FOR ASME RC WPB 4 x 3 XS (See the Photos Below)



FIG.1: Visual Checked and Marking by Dot-Peen



FIG.2: Checked ID. Side A



FIG.3: Checked OD. Side A



FIG.4: Checked Wall Thickness

INSPECTOR NAME: Somporn K.	INSPECTOR STAMP: *Somporn K.*	Reviewed By: Somporn K.

PO. ITEM NO. 44: MFG NO. 68M20M199 FOR ASME RE WPB 3 x 2 XS (See the Photos Below)



FIG.1: Visual & Marking Checked by Dot-Peen

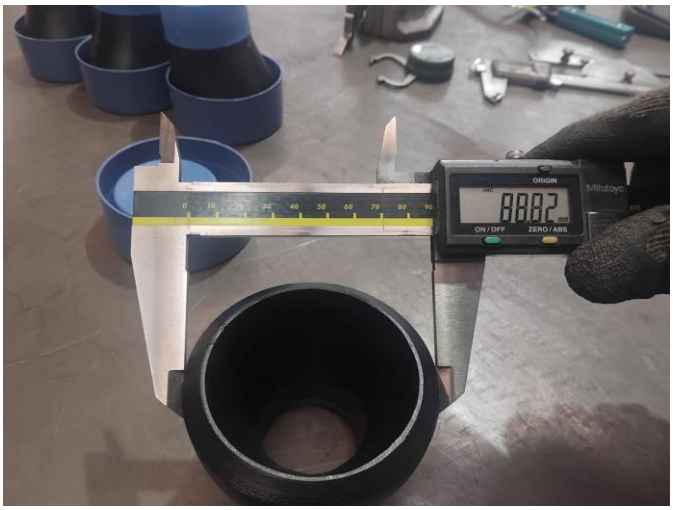


FIG.2: Checked OD. Side A



FIG.3: Checked Bevel Angle



FIG.4: Checked Wall Thickness

INSPECTOR NAME: Somporn K.	INSPECTOR STAMP: *Somporn K.*	Reviewed By: Somporn K.



FIG.5: Checked Root Face



FIG.6: Checked End to End

PO. ITEM NO. 59: MFG NO. 68M10M133 FOR TEE WPB 6 x 4 STD (See the Photos Below)



FIG.1: Visual & marking by Dot-Peen and Coating



FIG.2: Checked Outside Diameter

INSPECTOR NAME: Somporn K.	INSPECTOR STAMP: *Somporn K.*	Reviewed By: Somporn K.



FIG.3: Checked Bevel Angle



FIG.4 Checked Wall Thickness



FIG.5: Checked Root Face

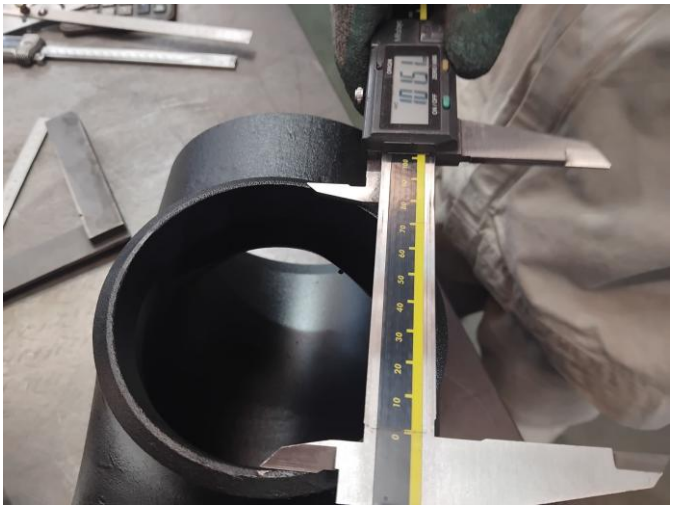


FIG.6: Checked Inside Diameter

INSPECTOR NAME: Somporn K.	INSPECTOR STAMP: *Somporn K.*	Reviewed By: Somporn K.



FIG.7: Checked Center to End

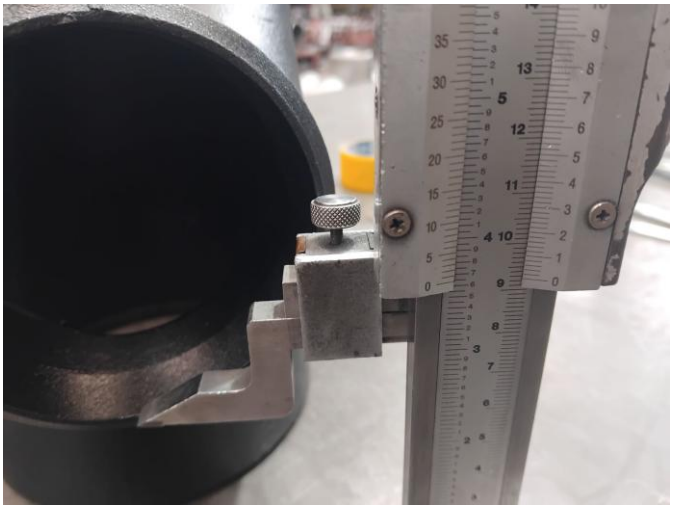


FIG.8: Checked Center to End

Random Checked of Rust Preventive Coating & (DFT. Not Over 70 Microns) of Black Coating (See The Photos Below)



FIG.1: Calibrated at 0 Before Checked DFT.



FIG.2: Checked Sticker of Calibrated

INSPECTOR NAME: Somporn K.	INSPECTOR STAMP: *Somporn K.*	Reviewed By: Somporn K.



FIG.3: Checked DFT of Coating: Accepted



FIG.4: Checked DFT of Coating: Accepted

INSPECTOR NAME: Somporn K.	INSPECTOR STAMP: *Somporn K.*	Reviewed By: Somporn K.