

Drg. No. RDSO/B-10420/R SERIES



Welding Process	121 (SAW)	121 (SAW)
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Macroscopic Examination		
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Approved by _____

3388556/207202/01 DIRECTOR OF RAILWAYS RDSO

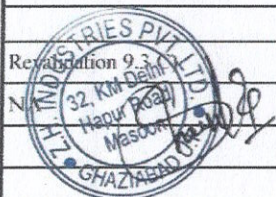


WELDER QUALIFICATION TEST CERTIFICATE

PROJECT: CONSTRUCTION OF ROB AT 1st KM OF MADHAVPUR TIPLING ROAD AT RAILWAY LEVEL
CROSSING GATE NO. ST-135 UNDER CONSTRUCTION OF ROB ON 50:50 COST SHARING BASIS.

Drg. No. RDSO/B-10420/R SERIES

Designation	: IS 7310-121-P-FW-1(4.0)-S-S10-PA-SS(NB)-ML		
WPQR No	: ZHIPL/BRC/NFR/BSG/60M/PQR-02		
WPSS Reference	: ZHIPL/BR&C/PWD/NFR/60M/SAW/WS-07.8.9		
Welder Name	: FAHAMUDDIN (BSG/60M/W-2)		
Sample Identification	: IS 2062 E350B0 (28X150X300+28X150X300)		
Method of Identification	: ID Card		
Date and Place of Birth	: 15.02.1991, Ghaziabad, Uttar-Pradesh ✓		
Employer	: Z.H. Industries Pvt. Ltd; Masoorie, Ghaziabad (U.P.)		
Code/Testing Standard	: IS 7310 - 2019 Pt-I		
Job Knowledge :	: Acceptable		
		Range of Qualification	
Welding Process	121 (SAW)	121 (SAW)	
Transfer Mode	N/A	N/A	
Product Type	Plate	Plate	
Type of Weld	Fillet Welding (FW)	Fillet Welding (FW)	
Parent Material Group	Group-1/Sub Group-1.2	Group-1/Sub Group-1.2	
Filler Material Group	Solid Wire	Solid Wire	
Filler Material (Designation)	IRSM-39, Class-W2 RaajSaw-2 [EM 12 K] Batch No.: S099H721	IRSM-39 - W2 (Wire)	
	IRSM-39, Class-F2 RaajMelt-2 Batch No.: SF-1159	IRSM-39 - F2 (Flux)	
Current (Amp)	450-550	430-600	
Voltage (V)	28 - 32	27-34	
Travel Speed (cm/min)	40-45	35-48	
Shielding Gas	N/A	N/A	
Auxiliaries	N/A	N/A	
Type of Current and Polarity	DCEP	DCEP	
Material Thickness (mm)	NPB600 (Bottom Flange) + 25 mm	S ₂ ≥ 3 mm	
Deposited Thickness (mm)	10 mm Fillet	SL : ≤ 8 mm, ML: >8 mm	
Welding Position	PA (1F)	PA (1F)	
Weld details	Filler Welding (FW), Single Side, No Backing	Filler Welding (FW), Single Side, No Backing	
Multi-Layer/Single Layer	Multi-Layer (ML)	Single Layer(SL) , Multi-Layer (ML)	
Type of Test	Performed and accepted	Name of Examiner or Examining Body : UDAY PRASAD (RDSO Official, M&C, RDSO) Place : M/s Z.H. INDUSTRIES PVT LTD; Masoorie, Ghaziabad-201015 (U.P.) Date of Test: 25.11.2024 Signature of Examiner : <i>Uday Prasad</i>	
Visual Testing/DPT	●		
Radiographic Testing	○		
Fracture Test	●		
Bend Test	○		
Notch Tensile Test	○		
Macroscopic Examination	●		
Revalidation 9.3.1	Validity of approval Until	Approved by	



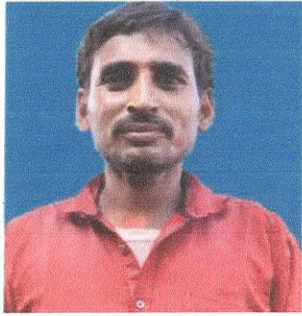
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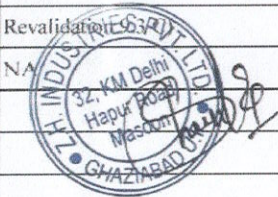


WELDER QUALIFICATION TEST CERTIFICATE

PROJECT: CONSTRUCTION OF ROB AT 1st KM OF MADHAVPUR TIPLING ROAD AT RAILWAY LEVEL
CROSSINGGATE NO. ST-135 UNDER CONSTRUCTION OF ROB ON 50:50 COST SHARING BASIS.

Drg. No. RDSO/B-10420/R SERIES

Designation	: IS 7310-121-P-FW-1(4.0)-S-S8-PA-SS(NB)-SL		
WPQR No	: ZHIPL/BRC/NFR/BSG/60M/PQR-03		
WPSS Reference	: ZHIPL/BR&C/PWD/NFR/60M/SAW/WS-02.4.10.11		
Welder Name	: SURESH KUMAR (BSG/60M/W-3)		
Sample Identification	: IS 2062 E350B0 (28X150X300+28X150X300)		
Method of Identification	: ID Card		
Date and Place of Birth	: 30.07.2001, Rae Bareilly, Uttar-Pradesh		
Employer	: Z.H. Industries Pvt. Ltd; Masoorie, Ghaziabad (U.P.)		
Code/Testing Standard	: IS 7310 - 2019 Pt-I		
Job Knowledge :	: Acceptable		
		Range of Qualification	
Welding Process	121 (SAW)	121 (SAW)	
Transfer Mode	N/A	N/A	
Product Type	Plate	Plate	
Type of Weld	Fillet Welding (FW)	Fillet Welding (FW)	
Parent Material Group	Group-1/Sub Group-1.2	Group-1/Sub Group-1.2	
Filler Material Group	Solid Wire	Solid Wire	
Filler Material (Designation)	IRSM-39, Class-W2 RaajSaw-2 [EM 12 K] Batch No.: S099H721	IRSM-39 - W2 (Wire)	
	IRSM-39, Class-F2 RaajMelt-2 Batch No.: SF-1159	IRSM-39 - F2 (Flux)	
Current (Amp)	450-550	430-600	
Voltage (V)	28 - 32	27-34	
Travel Speed (cm/min)	40-45	35-48	
Shielding Gas	N/A	N/A	
Auxiliaries	N/A	N/A	
Type of Current and Polarity	DCEP	DCEP	
Material Thickness (mm)	28 + 28 mm	S ₂ 3 mm	
Deposited Thickness (mm)	8 mm Fillet	SL : ≤ 8 mm, ML : > 8 mm	
Welding Position	PA (1F)	PA (1F)	
Weld details	Fillet Welding (FW), Single Side, No Backing	Fillet Welding (FW), Single Side, No Backing	
Multi-Layer/Single Layer	Single Layer (SL)	Single Layer(SL) , Multi-Layer (ML)	
Type of Test	Performed and accepted	Name of Examiner or Examining Body :	
Visual Testing/DPT	●	UDAY PRASAD	
Radiographic Testing	○	(RDSO Official, M&C, RDSO)	
Fracture Test	●	Place :M/s Z.H. INDUSTRIES PVT LTD; Masoorie,	
Bend Test	○	Ghaziabad-201015 (U.P.)	
Notch Tensile Test	○	Date of Test: 25.11.2024	
Macroscopic Examination	●	Signature of Examiner : <i>04/12/24</i> <i>ABD/1764</i>	
Revalidation	Validity of approval Until	Approved by	
NA			



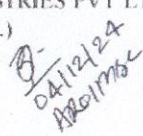
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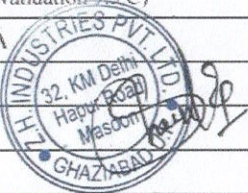


WELDER QUALIFICATION TEST CERTIFICATE

PROJECT: CONSTRUCTION OF ROB AT 1st KM OF MADHAVPUR TIPLING ROAD AT RAILWAY LEVEL CROSSING GATE NO. ST-135 UNDER CONSTRUCTION OF ROB ON 50:50 COST SHARING BASIS.

Drg. No. RDSO/B-10420/R SERIES

Designation	: IS 7310-136-P-DVBW-1(L2)-S-S10-PA-SS(NB)-ML		
WPQR No	: ZHIPL/BRC/NFR/BSG/60M/PQR-04		
WPSS Reference	: ZHIPL/BR&C/PWD/NFR/60M/SAW/WS-05,6		
Welder Name	: AFJAL (BSG/60M/W-4)		
Sample Identification	: IS 2062 E250B0 (NPB600)		
Method of Identification	: ID Card		
Date and Place of Birth	: 03.10.1993, Meerut, Uttar-Pradesh		
Employer	: Z.H. Industries Pvt. Ltd: Masoorie, Ghaziabad (U.P.)		
Code/Testing Standard	: IS 7310 - 2019 Pt-I		
Job Knowledge :	: Acceptable		
		Range of Qualification	
Welding Process	BUTT WELD 136 (FCAW)	BUTT WELD 136 (FCAW)	
Transfer Mode	N/A	N/A	
Product Type	Plate	Plate	
Type of Weld	Fillet Welding (FW)	Fillet Welding (FW)	
Parent Material Group	Group-1/Sub Group-1.2	Group-1/Sub Group-1.2	
Filler Material Group	Solid Wire	Solid Wire	
Filler Material (Designation)	IRSM-46-Class 1 RAAJCORED 71 Batch No.: FC/1103 (L)	IRSM-39 - W1 (Wire)	
Current (Amp)	220-270	200-300	
Voltage (V)	28 - 31	27-32	
Travel Speed (cm/min)	N/A	N/A	
Shielding Gas	CO ₂	CO ₂	
Auxiliaries	N/A	N/A	
Type of Current and Polarity	DCEP	DCEP	
Material Thickness (mm)	20X20	S ₂ 3 mm	
Deposited Thickness (mm)	10 mm	SL : ≤ 6 mm, ML: > 4mm	
Welding Position	PA (1G)	PA (1G)	
Weld details	Butt Weld	Butt Weld	
Multi-Layer/Single Layer	Multi-Layer (ML)	Single Layer(SL) , Multi-Layer (ML)	
Type of Test	Performed and accepted	Name of Examiner or Examining Body :	
Visual Testing/DPT	●	UDAY PRASAD	
Radiographic Testing	●	(RDSO Official, M&C, RDSO)	
Fracture Test	○	Place :M/s Z.H. INDUSTRIES PVT LTD: Masoorie,	
Bend Test	○	Ghaziabad-201015 (U.P.)	
Notch Tensile Test	○	Date of Test: 25.11.2024	
Macroscopic Examination	●	Signature of Examiner : 	
Revalidation 9.3 C)	Validity of approval Until	Approved by	
NA			



3388558/2024/01 DIRECTOR OF RAILWAYS RDSO

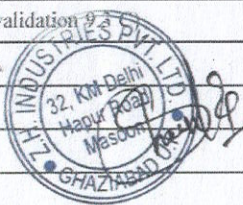


WELDER QUALIFICATION TEST CERTIFICATE

PROJECT: CONSTRUCTION OF ROB AT 1st KM OF MADHAVPUR TIPPLING ROAD AT RAILWAY LEVEL
CROSSINGGATE NO. ST-135 UNDER CONSTRUCTION OF ROB ON 50:50 COST SHARING BASIS.
Drg. No. RDSO/B-10420/R SERIES



Designation	: IS 7310-136-P-FW-1(L2)-S-S16-PD-SS(NB)-ML	
WPQR No	: ZHIPL/BRC/NFR/BSG/60M/PQR-05	
WPSS Reference	: ZHIPL/BR&C/PWD/NFR/60M/FCAW/WS-15	
Welder Name	: MOHD. JAVED (BSG/60/W-5)	
Sample Identification	: IS 2062 E350B0 (36X150X350+32X150X350)	
Method of Identification	: ID Card	
Date and Place of Birth	: 01.01.1996, Ghaziabad, Uttar Pradesh	
Employer	: Z.H. Industries Pvt. Ltd; Masoorie, Ghaziabad (U.P.)	
Code/Testing Standard	: IS 7310 - 2019 Pt-1	
Job Knowledge :	: Acceptable	
		Range of Qualification
Welding Process	136 (FCAW)	136 (FCAW)
Transfer Mode	N/A	N/A
Product Type	Plate	Plate
Type of Weld	Fillet Welding (FW)	Fillet Welding (FW)
Parent Material Group	Group-1/Sub Group-1.2	Group-1/Sub Group-1.2
Filler Material Group	Solid Wire	Solid Wire
Filler Material (Designation)	IRSM-46-Class 1 RAAJCORED 71 Batch No. FC/1103 (L)	IRSM-46-Class 1 RAAJCORED 71 Batch No. FC/1103 (L)
Current (Amp)	220 - 270	210-300
Voltage (V)	28 - 31	26 - 33
Travel Speed (cm/min)	N/A	N/A
Shielding Gas	CO ₂	CO ₂
Auxiliaries	N/A	N/A
Type of Current and Polarity	DCEP	DCEP
Material Thickness (mm)	36 + 32 mm	S ₂ ≥ 3 mm
Deposited Thickness (mm)	16 mm Fillet	SL : ≤ 6 mm, ML : > 6 mm
Welding Position	PD (4F)	1F, 2F, & 4F
Weld details	Fillet Welding (FW), Single Side, No Backing	Fillet Welding (FW), Single Side, No Backing
Multi Layer/Single Layer	Multi-Layer (ML)	Single Layer (SL), Multi-Layer (ML)
Type of Test	Performed and accepted	Name of Examiner or Examining Body :
Visual Testing/DPT	●	UDAY PRASAD
Radiographic Testing	○	(RDSO Official, M&C, RDSO)
Fracture Test	●	Place : M/s Z.H. INDUSTRIES PVT LTD; Masoorie,
Bend Test	○	Ghaziabad-201015 (U.P.)
Notch Tensile Test	○	Date of Test: 25.11.2024
Macroscopic Examination	●	Signature of Examiner : <i>[Signature]</i>
Revalidation 93	Validity of approval Until	Approved by
NA		



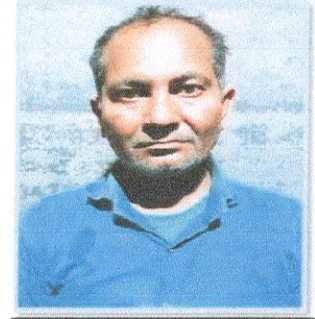
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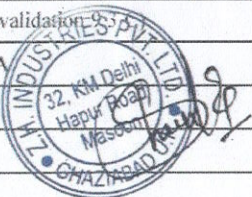
WELDER QUALIFICATION TEST CERTIFICATE

PROJECT: CONSTRUCTION OF ROB AT 1st KM OF MADHAVPUR TIPPLING ROAD AT RAILWAY LEVEL CROSSING GATE NO. ST-135 UNDER CONSTRUCTION OF ROB ON 50:50 COST SHARING BASIS.

Drg. No. RDSO/B-10420/R SERIES



Designation	: IS 7310-136-P-FW-1(1.2)-S-S10-PD-SS(NB)-ML	
WPQR No	: ZHIPL/BRC/NFR/BSG/60M/PQR-06	
WPSS Reference	: ZHIPL/BR&C/PWD/NFR/60M/SAW/WS-12.13.14.16.18	
Welder Name	: HARIVANSH YADAV (BSG/60/W-6)	
Sample Identification	: IS 2062 E350B0 (25X150X350+16X150X350)	
Method of Identification	: ID Card	
Date and Place of Birth	: 01.01.1976, Deoria, U.P.	
Employer	: Z.H. Industries Pvt. Ltd; Masoorie, Ghaziabad (U.P.)	
Code/Testing Standard	: IS 7310 - 2019 Pt-I	
Job Knowledge :	: Acceptable	
		Range of Qualification
Welding Process	136 (FCAW)	136 (FCAW)
Transfer Mode	N/A	N/A
Product Type	Plate	Plate
Type of Weld	Fillet Welding (FW)	Fillet Welding (FW)
Parent Material Group	Group-1/Sub Group-1.2	Group-1/Sub Group-1.2
Filler Material Group	Solid Wire	Solid Wire
Filler Material (Designation)	IRSM-46-Class 1 RAAJCORED 71 Batch No. FC/1103 (L)	IRSM-46-Class 1 RAAJCORED 71 Batch No. FC/1103 (L)
Current (Amp)	220 - 270	210-260
Voltage (V)	28 - 31	26 - 30
Travel Speed (cm/min)	N/A	N/A
Shielding Gas	CO ₂	CO ₂
Auxiliaries	N/A	N/A
Type of Current and Polarity	DCEP	DCEP
Material Thickness (mm)	25+16 mm	S> 3 mm
Deposited Thickness (mm)	10 mm Fillet	SL : ≤ 4 mm, ML : > 6x2 mm Fillet
Welding Position	PD (4F)	1F, 2F, 3F & 4F
Weld details	Fillet Welding (FW), Single Side, No Backing	Fillet Welding (FW), Single Side, No Backing
Multi-Layer/Single Layer	Multi-Layer (ML)	Single Layer (SL), Multi-Layer (ML)
Type of Test	Performed and accepted	Name of Examiner or Examining Body :
Visual Testing/DPT	☒	UDAY PRASAD
Radiographic Testing	☐	(RDSO Official, M&C, RDSO)
Fracture Test	☒	Place : M/s Z.H. INDUSTRIES PVT LTD; Masoorie,
Bend Test	☐	Ghaziabad-201015 (U.P.)
Notch Tensile Test	☐	Date of Test: 25.11.2024
Macroscopic Examination	☒	Signature of Examiner : <i>04/12/24</i> <i>ABO/MS</i>
Revalidation	Validity of approval Until	Approved by
NA		

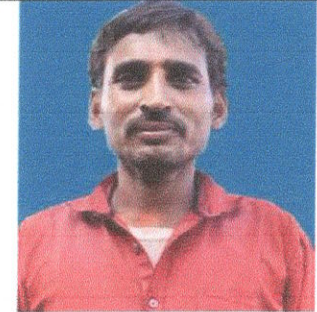


3388556/2024/2/01 DIRECTOR OF RAO AND RDSO

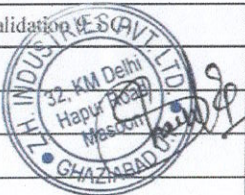
WELDER QUALIFICATION TEST CERTIFICATE

GROUP

PROJECT: CONSTRUCTION OF ROB AT 1st KM OF MADHAVPUR TIPLING ROAD AT RAILWAY LEVEL CROSSING GATE NO. ST-135 UNDER CONSTRUCTION OF ROB ON 50:50 COST SHARING BASIS.
Drg. No. RDSO/B-10420/R SERIES



Designation	: IS 7310-136-P-FW-I(1.2)-S-S22-PD-SS(NB)-ML	
WPQR No	: ZHIPL/BRC/NFR/BSG/60M/PQR-07	
WPSS Reference	: ZHIPL/BR&C/PWD/NFR/60M/SAW/OSW-03.1.2.5.6.7.8.9.10.11.12.14.15.18	
Welder Name	: SURESH KUMAR (BSG/60M/W-7)	
Sample Identification	: IS 2062 E350B0 (30X150X350-28X150X350)	
Method of Identification	: ID Card	
Date and Place of Birth	: 30.07.2001, Rae Bareli, Uttar-Pradesh	
Employer	: Z.H. Industries Pvt. Ltd; Masoorie, Ghaziabad (U.P.)	
Code/Testing Standard	: IS 7310 - 2019 Pt-1	
Job Knowledge :	: Acceptable	
		Range of Qualification
Welding Process	136 (FCAW)	136 (FCAW)
Transfer Mode	N/A	N/A
Product Type	Plate	Plate
Type of Weld	Fillet Welding (FW)	Fillet Welding (FW)
Parent Material Group	Group-1/Sub Group-1.2	Group-1/Sub Group-1.2
Filler Material Group	Solid Wire	Solid Wire
Filler Material (Designation)	IRSM-46-Class 1 RAAJCORED 71 Batch No. FC/1103 (L)	IRSM-46-Class 1 RAAJCORED 71 Batch No. FC/1103 (L)
Current (Amp)	220 - 270	210-300
Voltage (V)	28 - 31	27 - 33
Travel Speed (cm/min)	N/A	N/A
Shielding Gas	CO ₂	CO ₂
Auxiliaries	N/A	N/A
Type of Current and Polarity	DCEP	DCEP
Material Thickness (mm)	30 + 28 mm	S ≥ 3 mm
Deposited Thickness (mm)	22 mm Fillet	SL : ≤ 6 mm, ML : > 6 mm
Welding Position	PD (4F)	1F, 2F, & 4F
Weld details	Fillet Welding (FW), Single Side, No Backing	Fillet Welding (FW), Single Side, No Backing
Multi-Layer/Single Layer	Multi-Layer (ML)	Single Layer (SL), Multi-Layer (ML)
Type of Test	Performed and accepted	Name of Examiner or Examining Body :
Visual Testing/DPT	●	UDAY PRASAD
Radiographic Testing	○	(RDSO Official, M&C, RDSO)
Fracture Test	●	Place : M/s Z.H. INDUSTRIES PVT LTD; Masoorie,
Bend Test	○	Ghaziabad-201015 (U.P.)
Notch Tensile Test	○	Date of Test: 25.11.2024
Macroscopic Examination	●	Signature of Examiner : <i>[Signature]</i>
Revalidation	Validity of approval Until	Approved by
NA		



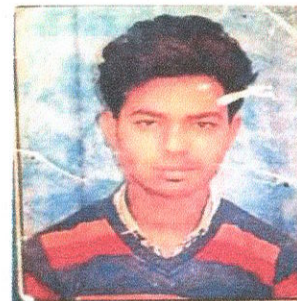
3388556(20/24/2024) DIRECTOR OF RAILWAYS RDSO

WELDER QUALIFICATION TEST CERTIFICATE

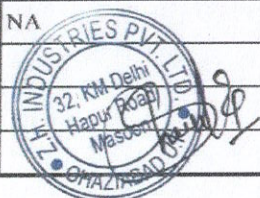
GROUP

PROJECT: CONSTRUCTION OF ROB AT 1st KM OF MADHAVPUR TIPPLING ROAD AT RAILWAY LEVEL CROSSING GATE NO. ST-135 UNDER CONSTRUCTION OF ROB ON 50:50 COST SHARING BASIS.

Drg. No. RDSO/B-10420/R SERIES



Designation	: IS 7310-136-P-FW-1(1.2)-S-S12-PD-SS(NB)-ML	
WPQR No	: ZHIPL/BRC/NFR/BSG/60M/PQR-08	
WPSS Reference	: ZHIPL/BR&C/PWD/NFR/60M/SAW/OSW-16.04.13.17	
Welder Name	: SACHIN KUMAR (BSG/60/W-8)	
Sample Identification	: IS 2062 E350B0 (25X150X350+36X150X350)	
Method of Identification	: ID Card	
Date and Place of Birth	: 30.07.2001, Rae Bareilly, Uttar-Pradesh	
Employer	: Z.H. Industries Pvt. Ltd; Masoorie, Ghaziabad (U.P.)	
Code/Testing Standard	: IS 7310 - 2019 Pt-I	
Job Knowledge :	: Acceptable	
		Range of Qualification
Welding Process	I36 (FCAW)	I36 (FCAW)
Transfer Mode	N/A	N/A
Product Type	Plate	Plate
Type of Weld	Fillet Welding (FW)	Fillet Welding (FW)
Parent Material Group	Group-1/Sub Group-1.2	Group-1/Sub Group-1.2
Filler Material Group	Solid Wire	Solid Wire
Filler Material (Designation)	IRSM-46-Class 1 RAAJCORED 71 Batch No. FC/1103 (L)	IRSM-46-Class 1 RAAJCORED 71 Batch No. FC/1103 (L)
Current (Amp)	220 - 270	210-300
Voltage (V)	28 - 31	27 - 33
Travel Speed (cm/min)	N/A	N/A
Shielding Gas	CO ₂	CO ₂
Auxiliaries	N/A	N/A
Type of Current and Polarity	DCEP	DCEP
Material Thickness (mm)	25 + 36 mm	S ₂ 3 mm
Deposited Thickness (mm)	12 mm Fillet	SL : ≤ 6 mm, ML : > 6 mm Fillet
Welding Position	PF (3F)	1F, 2F, & 3F
Weld details	Fillet Welding (FW), Single Side, No Backing	Fillet Welding (FW), Single Side, No Backing
Multi-Layer/Single Layer	Multi-Layer (ML)	Single Layer(SL), Multi-Layer (ML)
Type of Test	Performed and accepted	Name of Examiner or Examining Body :
Visual Testing/DPT	●	UDAY PRASAD
Radiographic Testing	○	(RDSO Official, M&C, RDSO)
Fracture Test	●	Place : M/s Z.H. INDUSTRIES PVT LTD; Masoorie,
Bend Test	○	Ghaziabad-201015 (U.P.)
Notch Tensile Test	○	Date of Test: 25.11.2024
Macroscopic Examination	●	Signature of Examiner : <i>B-04/11/24</i> <i>ABG/mbc</i>
Revalidation 9.3 C)	Validity of approval Until	Approved by
NA		

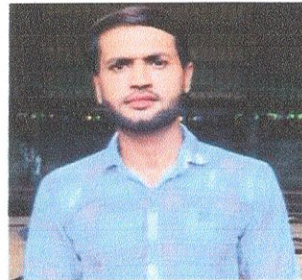
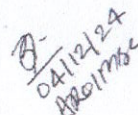


3388576/2024/01 DIRECTOR FOR RAILWAY RDSO

WELDER QUALIFICATION TEST CERTIFICATE

GROUP

PROJECT: CONSTRUCTION OF ROB AT 1st KM OF MADHAVPUR TIPLING ROAD AT RAILWAY LEVEL CROSSING GATE NO. ST-135 UNDER CONSTRUCTION OF ROB ON 50:50 COST SHARING BASIS.
Drg. No. RDSO/B-10420/R SERIES

Designation	: IS7310-131-P-DASW		
WPQR No	: ZHIPL/BRC/NFR/BSG/60M/PQR-09		
WPSS Reference	: ZHIPL/BR&C/PWD/NFR/60M/DSAW/WS-17		
Welder Name	: AFJAL (BSG/60/W-9)		
Sample Identification	: DASW-09		
Method of Identification	: ID Card		
Date and Place of Birth	: 03.10.1993, Meerut, Uttar-Pradesh		
Employer	: Z.H. Industries Pvt. Ltd; Masoorie, Ghaziabad (U.P.)		
Code/Testing Standard	: BS 115		
Job Knowledge :	: Acceptable		
		Range of Qualification	
Welding Process	DASW	DASW	
Transfer Mode	N.A.	N.A.	
Product Type	Plate & Stud	N.A.	
Type of Weld	Fillet Welding (FW)	Fillet Welding (FW)	
Parent Material Group	Group-1/Sub Group-1.1	Group-1/Sub Group-1.1	
Filler Material Group	S	S	
Filler Material (Designation)	IS 2062 :2011 & ISO 13918 SD1	IS 2062 :2011 & ISO 13918 SD1	
Current (Amp)	Up to 1900 (A)	1900	
Voltage (V)	28 - 31	28 - 31	
Travel Speed (cm/min)	1.4	1.4	
Shielding Gas	N.A.	N.A.	
Auxiliaries	N.A.	N.A.	
Type of Current and Polarity	DCEP	DCEP	
Material Thickness (mm)	25 mm + 25*200 Shear Stud	S ₂ ≥ 3 mm	
Deposited Thickness (mm)	7 mm Fillet	SL : S ≤ 8 mm	
Welding Position	PA (1S)	PA (1S)	
Weld details	Fillet Welding (FW)	Fillet Welding (FW)	
Multi-Layer/Single Layer	Single Layer(SL)	Single Layer(SL)	
Type of Test	Performed and accepted	Name of Examiner or Examining Body :	
Visual Testing/DPT	●	UDAY PRASAD	
Radiographic Testing	○	(RDSO Official, M&C, RDSO)	
Fracture Test	○	Place : M/s Z.H. INDUSTRIES PVT LTD; Masoorie,	
Bend Test	●	Ghaziabad-201015 (U.P.)	
Notch Tensile Test	○	Date of Test: 25.11.2024	
Macroscopic Examination	○	Signature of Examiner :	
Ring	●		
Revalidation 9.3 C)	Validity of approval Until	Approved by	
NA			

