



न्यूक्लियर पावर कॉर्पोरेशन ऑफ इंडिया लिमिटेड  
(भारत सरकार का उद्यम)

NUCLEAR POWER CORPORATION OF INDIA LTD.

(A Government of India Enterprise)

गुणवत्ता आश्वासन निदेशालय

Directorate of Quality Assurance

नाभिकीय ऊर्जा भवन, अणुशक्तिनगर, मुंबई-400 094

Nabhikiya Urja Bhavan, Anushaktinagar, Mumbai-400094

Corporate Identification No. U40104MH1987GOI149458



थॉमस मॅथ्यू Thomas Mathew

उत्कृष्ट वैज्ञानिक Outstanding Scientist

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संख्या /No. NPCIL/ED (QA)/2023/M/152

तिथि: 12<sup>th</sup> July, 2023

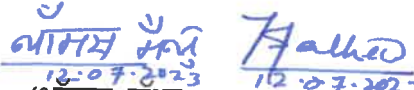
**Sub: Updated List of approved brands of welding consumables**

The lists of approved brands of welding consumables for use on NPCIL jobs as on 12.07.2023 are enclosed herewith:

- 1) List of approved Carbon steel & Low Alloy Steel Welding Electrodes (2 sheets)
- 2) List of approved Stainless Steel & other Ni Alloy electrodes (2 Sheets)
- 3) List of Approved Brands of Wire and Wire flux combination (2 Sheets)

The approvals are granted in conformance to the requirements stipulated in procedure for approval of Welding Consumables (QAD/Proc/Welding Consumables/002 Rev2) and latest edition of ASME Section II Part C. However, batch qualification wherever called for in specific cases will have to be carried out separately.

For use in nuclear application, welding consumable manufacturing requirement shall be as per lot class C3 /S2 as per ASME Section II Part C and any other specific requirements mentioned in purchase document.

  
12.07.2023 12.07.2023  
(थॉमस मॅथ्यू Thomas Mathew)

Executive Director (QA)

**1). LIST OF APPROVED CARBON STEEL AND LOW ALLOY STEEL ELECTRODES AS ON 03-07-2023**



<b>SR. NO</b>	<b>MANUFACTURERS</b>	<b>BRAND NAME</b>	<b>AWS NO.</b>	<b>VALID UP TO</b>
1.	ADOR WELDING LIMITED, SILVASSA	MOLYTEN	E7018-A1	July 2026
2.	ADOR WELDING LIMITED, SILVASSA	CROMOTEN	E 8018 B2	July 2026
3.	ADOR WELDING LIMITED, SILVASSA	CROMOTEN C	E 9018 B3	July 2026
4.	ADOR WELDING LIMITED, SILVASSA	TENALLOY Z PLUS	E7018-1	Jul 2027
5.	ADOR WELDING LIMITED, SILVASSA	SUPABASE X PLUS	E7018	Feb 2024
6.	ADOR FONTECH LIMITED, BENGALURU	LH511	E NiCu7	Dec 2025
7.	ADOR FONTECH LIMITED, BENGALURU	LH-521	NiCrFe3	Dec 2025
8.	SUPERON SCHWEISSTECHNIK INDIA LTD, DELHI	SUPERON 7018S (SUPERCITO)	E7018-1	Jun 2026
9.	SUPERON SCHWEISSTECHNIK INDIA LTD, DELHI	SUPERON 7018 (SUPERCITO)	E7018	Jun 2026
10.	SUPERON SCHWEISSTECHNIK INDIA LTD, DELHI	SUPERON 6013S (OVERCORD S)	E6013	Jun 2026
11.	HONAVAR ELECTRODES PVT. LTD, THANE	Ultimate-18SPL	E 7018-1	Sep 2025
12.	HONAVAR ELECTRODES PVT. LTD, THANE	Ultimate-18	E 7018	Sep 2025
13.	HONAVAR ELECTRODES PVT. LTD	Regular S	E 6013	Sep 2025
14.	ROYAL ARC ELECTRODES LTD, VASAI	ROYAL THERM SPL.	E 7018-1	Mar 2027
15.	RAAJARATNA ELECTRODES PVT. LTD, AHMEDABAD	RATNA 7018 SPL E 7018-1	E 7018-1	Feb 2025
16.	RAJRATNA ELECTRODES PVT LTD , AHMEDABAD	RATNA 7018	E7018	NOV 2023
17.	MAILAM INDIA LTD, PUDUCHERRY	MAILARC-1 CR	E 8018-B2	Jun 2024
18.	MAILAM INDIA LTD, PUDUCHERRY	MAILARC-18 PLUS	E-7018-1	May 2026
19.	MAILAM INDIA LTD, PUDUCHERRY	MAILARC-2 CR	E 9018-B3	Jun 2024
20.	D&H SCHERON ELECTRODE Pvt. Ltd, Indore	SUPERTHERME(SPL)	E7018-1	NOV 2023
21.	D&H SCHERON ELECTRODE Pvt. Ltd, Indore	EXOBEL	E6013	May 2026
22.	D&H SCHERON ELECTRODE Pvt. Ltd, Indore	MEDIO	E6013	May 2026
23.	D&H SCHERON ELECTRODE Pvt. Ltd, Indore	SUPRATHERME	E7018	May 2026
24.	D&H SCHERON ELECTRODE Pvt. Ltd, Indore	MOLYTHERME	E7018-A1	May 2026
25.	Weld fast Electrodes Pvt ltd, Nagpur	WELDFAST LH-18	E7018	August 2026
26.	Weld fast Electrodes Pvt ltd, Nagpur	WELDFAST LH-18-1	E7018-1	August 2026

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*For use in nuclear application the welding consumable manufacturing requirement shall be as per lot class C3 as per ASME Section II Part C.*



   
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2). LIST OF APPROVED STAINLESS-STEEL & OTHER ALLOY ELECTRODES AS ON 03-07-2023

SR. NO	MANUFACTURER	BRAND NAME	AWS No.	VALID UP TO
1.	ADOR WELDING LIMITED, SILVASSA	BETANOX-DL	E309L-16	July 2026
2.	ADOR WELDING LIMITED, SILVASSA	SUPERINOX-2C	E316L-16	July 2026
3.	ADOR WELDING LIMITED, SILVASSA	SUPERINOX-1C	E308L-16	July 2026
4.	SUPERON SCHWEISSTECHNIK INDIA LTD, DELHI	SUPER OPTIMAL 309 MOL	E309 MoL-16	Feb 2025
5.	SUPERON SCHWEISSTECHNIK INDIA LTD, DELHI	SUPER OPTIMAL 308 L	E308L-16	Feb 2025
6.	SUPERON SCHWEISSTECHNIK INDIA LTD, DELHI	SUPER OPTIMAL 309 L	E309L-16	Feb 2025
7.	SUPERON SCHWEISSTECHNIK INDIA LTD, DELHI	SUPER STAINLESS 347 L	E347L-16	Feb 2025
8.	SUPERON SCHWEISSTECHNIK INDIA LTD, DELHI	SUPER OPTIMAL 316 L	E316L-16	Feb 2025
9.	HONAVAR ELECTRODES PVT. LTD, THANE	SILVER SHINE 308L-15	E308L-15	Feb 2024
10.	HONAVAR ELECTRODES PVT. LTD, THANE	SILVER SHINE 316L	E316L-16	Nov 2023
11.	RAAJARATNA ELECTRODES, AHMEDABAD	RATNA 308L	E 308L-16	Feb 2025
12.	RAAJARATNA ELECTRODES, AHMEDABAD	RATNA 316L	E 316L-16	Feb 2025
13.	MAILAM INDIA LTD, PUDUCHERRY	MAILEX-A	E 308-16	Jun 2024
14.	MAILAM INDIA LTD, PUDUCHERRY	MAILEX-AL	E 308L-16	Jun 2024
15.	MAILAM INDIA LTD, PUDUCHERRY	MAILEX-AL-15	E 308L-15	Jun 2024
16.	MAILAM INDIA LTD, PUDUCHERRY	MAILEX-25/12	E 309-16	Jun 2024
17.	MAILAM INDIA LTD, PUDUCHERRY	MAILEX-25/12L	E 309L-16	Jun 2024
18.	MAILAM INDIA LTD, PUDUCHERRY	MAILEX-25/12-MO	E 309 Mo-16	Jun 2024
19.	MAILAM INDIA LTD, PUDUCHERRY	MAILEX MO	E 316-16	Jun 2024
20.	MAILAM INDIA LTD, PUDUCHERRY	MAILEX MOL	E 316L-16	Jun 2024
21.	D&H SECHERON, INDORE	D&H 309L	E309L-16	NOV 2023
22.	D&H SECHERON, INDORE	RUTOX-A	E308-16	NOV 2023
23.	D&H SECHERON, INDORE	RUTOX-A ST	E347-16	NOV 2023
24.	D&H SECHERON, INDORE	RUTOX-MO	E316-16	NOV 2023
25.	ROYAL ARC ELECTRODES, VASAI	ROYAL 1C	E308L-16	OCT 2024
26.	ROYAL ARC ELECTRODES, VASAI	ROYAL 2C	E316L-16	OCT 2024
27.	ROYAL ARC ELECTRODES, VASAI	ROYAL D2L	E309L-16	OCT 2024
28.	D&H SECHERON ELECTRODE Pvt. Ltd, Indore.	RUTOX-D	E316L-16	May 2026
29.	D&H SECHERON ELECTRODE Pvt. Ltd, Indore.	RUTOX-B	E308L-16	May 2026
30.	D&H SECHERON ELECTRODE Pvt. Ltd, Indore.	Cronitherme-25/12	E309-16	May 2026

31.	D&H SECHERON ELECTRODE Pvt. Ltd, Indore.	BATOX B	E308L-15	May 2026
32.	D&H SECHERON ELECTRODE Pvt. Ltd, Indore.	D&H-1212 (NS)	ENiCrFe-3	May 2026
33.	D&H SECHERON ELECTRODE Pvt. Ltd, Indore.	D&H-1250	ENiCu-7	May 2026
34.	Weld fast Electrodes Pvt Ltd, Nagpur	WELDFAST 308L	E 308L-16	August 2026
35.	Weld fast Electrodes Pvt Ltd, Nagpur	WELDFAST 316L	E 316L-16	August 2026
36.	Weld fast Electrodes Pvt Ltd, Nagpur	WELDFAST 309L	E 309L-16	August 2026
37.	Weld fast Electrodes Pvt Ltd, Nagpur	WELDFAST 309 MoL	E 309 L-Mo-16	August 2026

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*For use in nuclear application the welding consumable manufacturing requirement shall be as per lot class C3 as per ASME Section II Part C*

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Executive Director (QA)


3) List of Approved Brands of wire and wire flux combination as on 03-07-2023

SR NO	MANUFACTURERS	BRAND NAME	AWS NO.	VALID UPTO
1	ADOR FONTECH LIMITED, BENGALURU	TIG 120	ER 308L	OCT 2024
2	ADOR FONTECH LIMITED, BENGALURU	TIG 121	ER 316L	OCT 2024
3	ADOR FONTECH LIMITED, BENGALURU	TIG 123	ER 309L	OCT 2024
4	ADOR FONTECH LIMITED, BENGALURU	TIG 120S	ER 347	OCT 2024
5	ADOR FONTECH LIMITED, BENGALURU	TIG 521	ER NICR3	OCT 2024
6	ADOR WELDING LIMITED, SILVASSA	TIGINOX-308L	ER 308L	JUL 2026
7	ADOR WELDING LIMITED, SILVASSA	TIGINOX-309L	ER 309L	JUL 2026
8	VENUS WIRE INDUSTRIES PVT. LTD, KHOPOLI	VENUS 308L	ER 308L	NOV 2026
9	VENUS WIRE INDUSTRIES PVT. LTD, KHOPOLI	VENUS 316L	ER 316L	NOV 2026
10	VENUS WIRE INDUSTRIES PVT. LTD, KHOPOLI	VENUS 309L	ER 309L	NOV 2026
11	VENUS WIRE INDUSTRIES PVT. LTD, KHOPOLI	VENUS 347	ER 347	NOV 2026
12	RAAJARATNA ELECTRODES PVT. LTD, AHMEDABAD	RAAJTIG ER 308L	ER 308L	FEB 2025
13	RAAJARATNA ELECTRODES PVT. LTD, AHMEDABAD	RAAJTIG ER 316L	ER 316L	FEB 2025
14	ADOR WELDING LIMITED, SILVASSA	TIGFIL 90S-B3	ER 90S-B3	JAN 2026
15	ADOR WELDING LIMITED, SILVASSA	TIGFIL 70S-2	ER70S-2	JUL 2027
16	ADOR WELDING LIMITED, SILVASSA	AUTOMIG 70S-6	ER 70S-6	DEC 2023
17	ADOR WELDING LIMITED, SILVASSA	AUTOMELT B71+ AUTOMELT EH14	F7A2- EH14	FEB 2024
18	D&H SECHERON ELECTRODE Pvt. Ltd, Indore	F70S-2	ER70S-2	May 2026
19	D&H SECHERON ELECTRODE Pvt. Ltd, Indore	FW-309L	ER309L	May 2026
20	D&H SECHERON ELECTRODE Pvt. Ltd, Indore	FW-308L	ER308L	May 2026
21	Weld fast Electrodes Pvt Ltd, Nagpur	MIG FAST-1	ER70S-6	August 2026
22	Weld fast Electrodes Pvt Ltd, Nagpur	TIGFAST-3	ER70S-2	August 2026

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