

D & H INDIA LIMITED

(ISO 9001-2015 Certified Company)

Formerly 'D & H Welding Electrodes (India) Ltd.'

CIN : L28900MH1985PLC035822

Head Office & Works:

D & H India Limited

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About us:

- D&H India Limited is one of the top welding companies in India to have received **ISO 9001-2008** certification for quality standards for both the manufacturing plants. All of them under one single certification are the indicative of consistency of manufacturing processes and quality assurance procedures. Most of the company's products have approvals from reputed engineering consultants and are certified by leading national / international inspection agencies.
- D&H India's Research and Development strategy is to continually improve its welding processes. The company seeks to develop new, high quality product families faster, with the primary focus on long-term benefits. The constant development of welding processes is an important part of this work and goes a long way in realizing the key objective of customer satisfaction.
- The key objective of R&D is to meet customer requirements better. This is possible through higher productivity, enhanced and consistent quality improvement of the working environment and reduction of environmental impact.

Comprehensive range of Welding Consumables:

Manual Metal Arc :

1) Mild Steel & Low Hydrogen Electrodes :

- | • Brand Name | AWS Code |
|---------------------|-----------------|
| • ECONOMY | E-6013 |
| • STANDARD | E-6013 |
| • EXCELLO | E -6013 |
| • PRIMA | E- 7016 |
| • SUPER-LH | E -7018 |
| • SUPER-LH (SPL) | E -7018 |

Comprehensive range of Welding Consumables :

2) Stainless Steel Welding Electrodes:

- | • Brand Name | AWS Code |
|---------------------|-----------------|
| • CROMALLOY-A | E-308-16 |
| • CROMALLOY-B | E-308L-16 |
| • CROMALLOY-309 | E-309-16 |
| • CROMALLOY-309L | E-309 L-16 |
| • CROMALLOY-309Mo | E-309 MO-16 |
| • CROMALLOY-309Cb | E-309 Cb-16 |
| • CROMALLOY – 310 | E-310-16 |
| • CROMALLOY – 312 | E-312-16 |
| • CROMALLOY – C | E-316-16 |
| • CROMALLOY - 2C | E 316L -16 |
| • CROMALLOY – 317 | E 317 – 16 |

Comprehensive range of Welding Consumables:

2) Stainless Steel Welding Electrodes:

Brand Name	AWS Code
● CROMALLOY - 317L	E 317L -16
● CROMALLOY – D	E 318-16
● CROMALLOY - 2DL	E 318L-16
● CROMALLOY - A(ST)	E-347-16
● SV 920 B	
● SV - 316 - U(M)	E316L-16
● SV - CR – 13	E-410-15
● SV - 17 – CR	E-430-15
● SV – 410	E-410-16
● SV – 430	E-430-16

Comprehensive range of Welding Consumables:

2) Duplex and Super duplex Stainless Steel Electrodes:

Brand Name	AWS Code
● CROMALLOY – 29L	E 2209-15
● CROMALLOY – 94L	E 2594-15
● CROMALLOY – 95L	E 2595-15
● CROMALLOY – 29R	E 2209-16
● CROMALLOY – 94R	E 2594-16
● CROMALLOY – 95R	E 2595-16

Comprehensive range of Welding Consumables:

3) Electrodes for Low Temperature Services:

Brand Name	AWS Code
SUPER-LH (SPL)	E-7018-1
SUPER-LH (SPL) H4R	E-7018-1
SUPER-LH NI	E-7018-G
SUPER-LH NI - SPL	E-7018-1

Comprehensive range of Welding Consumables:

4) Hard Facing Electrodes:

Brand Name

- DUROBUILD A
- DUROBUILD B
- DUROBUILD C

5) Cast Iron Machinable Electrodes:

Brand Name

AWS Code

- | | |
|-------------|----------|
| • NICKEL-CI | E-NiCi |
| • MONEL-CI | E-NiCuB |
| • FERRON-CI | E-NiFeCi |

Comprehensive range of Welding Consumables:

6) Hard Facing Electrodes:

Brand Name	AWS Code
● SUPER MO	E-7018-A1
● SUPER CR 1	E-8018-B2
● SUPER CR 2	E-9018-B3
● SUPER CR 5	E-8018-B6
● SUPER CR 9	E-8018-B8
● SUPER CR 9 (MOD)	E-9018-B9

Comprehensive range of Welding Consumables:

Stainless Steel TIG Wires:

Brand Name	AWS Code
• SUPER TIG 308L	ER 308L
• SUPER TIG 309L	ER 309L
• SUPER TIG 316L	ER 316L
• SUPER TIG 2209	ER 2209
• SUPER TIG 2594	ER 2594
• SUPER TIG 80S B2	ER 80S B2
• SUPER TIG 90S B3	ER 90S B3
• SUPER TIG 90S B9	ER 90S B9
• SUPER TIG 70S2	ER 70S2
• SUPER TIG 70S3	ER 70S3

Comprehensive range of Welding Consumables:

Submerged Arc Wires:

Brand Name	AWS Code
● SUPERMELT- GR-A	EL8
● SUPERMELT -12K	EM-12K
● SUPERMELT -GR-B	EH14

Agglomerated Fluxes:

Brand Name	AWS Code
● SUPERMELT -II	Flux
● SUPERMELT -II(SPL)	Flux
● SUPERMELT -IV	Flux

Comprehensive range of Welding Consumables:

CO2 Welding Wires:

- **Brand Name:** MIG ARC - WS - 6 ,Copper Coated Continuous Solid Wire For MIG/MAG Welding
AWS Code: SFA 5.18 - ER70S,**Hardness** 66419-1996 -GRADE S 4

Comprehensive range of Welding Consumables:

Flux Cored Wires:

Brand Name	AWS Code
● SUPERCORE – 71 T5 Basic Type Flux Cored Wire	A 5.20 E 71 T-5C
● SUPERCORE – 71 T1 Rutile Base Flux Cored Wire	A 5.20 E 71 T-1C

Approvals and Certifications:

International :

- Lloyd's Register of Shipping (**LRS**),
- Bureau Veritas (**BV**),
- Det Norske Veritas (**DNV**),
- American Bureau of Shipping (**ABS**),
- Indian Register of Shipping (**IRS**) ,
- Bureau of Indian Standards (**BIS**),
- **Sonatrach** Algeria,

Approvals and Certifications:

National :

- Nuclear Power Corporation of India Limited (**NPCIL**),
- The Chief Inspector of Boilers,
- BHEL ,
- Engineers India Limited (**EIL**),
- Oil & Natural Gas Corporation (**ONGC**),
- Bharat Petroleum Corporation Limited (**BPCL**),
- Indian Oil Corporation Limited (**IOCL**),
- Hindustan Petroleum Corporation Limited (**HPCL**)
- National Thermal Power Corporation (**NTPC**),
- **HMEL**,
- Reliance Industries Limited (**RIL**) ,
- Defence Research & Development Organization (**DRDO**),
- Ordnance Factories,
- L & T ECC,
- Essar Projects Limited.

Testing and R&D Center

- All the materials used in manufacturing of Welding Consumables are being tested before use. Each batch of these consumables undergo various process control stage inspection for physical and dimensional accuracy. Final testing on weld metal is carried out by way of wet chemical and Spectro Testing, Mechanical and NDT Test to ensure the best and consistent quality.
Upon satisfactory clearance of all the testing, batches are being cleared for dispatches.

Testing and R&D Center

- **Quality Control testing labs are equipped with;**
- **SPECTRO TESTING MACHINE** for quick and accurate test results.
- Diffusible Hydrogen testing of weld metal by Mercury method as per **ISO-3690**.
- Determination of moisture content in flux coating as per **AWS**.
- Corrosion testing as per **ASTM A-262** Standard.
- Single stroke **V-Notch** cutting machine for impact test specimen.
- Profile Projector to check accuracy of Notch Profile.
- Impact testing at **-196° C** by use of liquid Nitrogen.
- Metallographic studies.
- Tensile testing at elevated temperature.
- Hardness testing of all metals and Alloys.

Quality Standards

- Igniting Welding Quality , Escalating Productivity.
- D & H India Limited has certification under the **ISO 9000** series for quality standards under a single certificate. This underlines a reassurance to our commitment towards consistency of manufacturing systems and Quality Assurance Procedures.
- Most of our products are certified by leading international inspection agencies like Lloyd's Register of Shipping (LRS), American Bureau of Shipping (ABS), Bureau Veritas (BV), Det Norske Veritas (DNV), and carry approvals from reputed engineering consultants.

Network:

- Networked for Efficient Support D & H India Ltd. has developed its nation wide network to support every customer promptly. Our qualified and trained field force located strategically renders expert technical service before, during and after the sales.
- Our in-depth dealer network penetrates all important and major industrial belts to serve every customer with required efficiency.
Our continuously updated stocks help the customers to apply proactive solutions for all their requirements.
- We have Registered Office at **Mumbai** with Head Office and state-of-the-art manufacturing plants at **Indore & Ghatbilod..**

Applications in industries:

Our product range for diverse applications in industries like:

Steel,
Shipbuilding,
Petrochemical,
Cement,
Construction,
Transport,
Offshore,
Energy,
Repair & Maintenance, to name a few.

We also enjoy customer support from **Govt. Enterprises (State & Central),**
Defense organizations along with all major industries from private sector.



Thank You