

LEADERS IN WELDING SOLUTIONS



MANUFACTURER OF WELDING ELECTRODES & WIRES

G-1-67,68, Kuber Industrial Area, Ranpur KOTA-325003 (Raj.)
Off.:0744 - 2845052-53 | E-mail : bajrangindustries@hotmail.com

COMPANY PROFILE

Welcome to Bajrang Industries
Precision in Every Spark Since 2004

Established in 2004, Bajrang Industries has grown into a trusted name in the welding industry, known for manufacturing high-quality welding electrodes that deliver unmatched strength, consistency, and performance. With BIS (Bureau of Indian Standards) approval, our products meet stringent national quality benchmarks, ensuring safety and reliability in every weld.

Serving diverse industries—including construction, fabrication, heavy engineering, etc.—we are committed to innovation, quality control, and customer satisfaction. Partner with us for durable solutions, expert support, and a commitment to your success—spark after spark.

Why Our Welding Electrodes?

- Consistent Arc Stability
- Low Spatter & Easy Slag Removal
- Smooth Finish & High Weld Strength
- Made with Premium Raw Materials
- Reliable Performance in All Positions

Product: E6013

General-purpose mild steel welding electrodes suitable for structural steel, pipelines, shipbuilding, fabrication, and repair work.

Features:

- Rutile-coated, all-position electrode
- Easy to strike and re-strike
- Excellent bead appearance
- Smooth, stable arc with low spatter
- Easy slag removal

Technical Specs:

- Diameter: 2.5mm, 3.15mm, 4mm
- Length: Standard 350mm & 450mm
- Current: AC/DC
- AWS Specification: AWS A5.1 E6013
- IS Specification: IS 814

Industries Served

- Structural Fabrication
- Engineering & Machinery
- Automobile & Rail
- Repair & Maintenance
- General Fabrication



21+
YEARS OF
EXPERTISE IN
**WELDING
PRODUCTS**
MANUFACTURING

APPROVALS

• BUREAU OF INDIAN STANDARDS (IS: 814)

CLASSIFICATION & COADING

IS814:2004 : ER 4211

AWS 5.1: E6013

DESCRIPTION

Our Welding Electrodes are medium - Heavy & Rutile coated, general purpose mild steel welding electrodes, specially manufactured for RADIOGRAPHIC quality weld, low spatter, adequate penetration, Easy slag removal (self peeling slag), and finely rippled smooth beads are the special feature of weld metal electrodes. Mechanical properties are very good and consistent. Easy to operates on AC as well as on DC welding power source in all conventional welding position.

APPLICATIONS

Railway Wagons, Boilers, Fire Boxes, Auto Bodies, Ship building, Structural works, Machine Base & Machinery Construction, Pipe Lines, Storage Tanks, Bridges, Building Construction Works and mild steel furniture etc.

CHEMICAL ANALYSIS

Carbon%	Manganese%	Silicon%	Sulphur%	Phosphorous%
0.10max	0.42-0.65	0.3max	0.03max	0.03max

MECHANICAL PROPERTIES

Yield Strength	Ultimate Tensile Strength	Elongation%	Cvn Impact At - 0°c
330 N/mm ² (Min)	410-550 N /mm ²	26-30%	50-70 Joules

CURRENT CONDITIONS : AC 50 (OCV) OR DC (+/-)

Size(mm):	2.50x350	3.15x350	3.15x450	4.00x350	4.00x450	5.00x450
Amps:	60-90	100-140	100-140	140-200	140-200	180-240

To obtain the best result use welding current with in the recommended range,
Store the electrodes in Dry Place.



BAJRANG INDUSTRIES

G-1-67,68, Kuber Industrial Area, Ranpur KOTA-325003 (Raj.)
Off.:0744 - 2845052 | E-mail : bajrangindustries@hotmail.com

SHRI SALASAR JI INDUSTRIES

G-1-83, Kuber Industrial Area, Ranpur KOTA-325003 (Raj.)
Off.:0744 - 2845053 | E-mail : wmssji@gmail.com

SALASAR JI ELECTROWELD

G-1-84, Kuber Industrial Area, Ranpur KOTA-325003 (Raj.)
Off.:0744 - 2845053 | E-mail : wmssji@gmail.com



Authorised Super Distributor: South Gujarat, D&N.H & Daman



Chandrika Multiverse Private Limited

447 Prime Shoppers, 4th Floor, U. M. Road, Vesu, Surat - 395007, Gujarat.
Call us : +91 93273 38152 | Write us : info@cmpl.co | Visit us : www.cmpl.co