

A close-up photograph of a welder's hands holding a welding torch, creating a bright arc and showering sparks. The image is framed by a geometric pattern of blue and green triangles in the top-left and bottom-right corners.

HITECH

WELDING
ELECTRODES

www.hitechelectrodes.in

OUR COMPANY



Hitech brand Electrodes are manufactured and supplied by Prime electrods, Coimbatore, Tamilnadu, India. Our Company is an ISO 9001 – 2015 certified recognized leader in the welding industry. We manufacture Good quality, Cost effective Arc welding electrodes and offer great service to all our Customers, OEM companies and International Clients.



All our welding electrode products pass through professional Quality Assurance systems.

STANDARDS WE FOLLOW



FUTURISTIC MANUFACTURING SOLUTIONS



Our state-of-the-art production infrastructure contains Wire Drawing Machines, Wire straightening and cutting machines, Mixing Machines, Briquetting Press, Extrusion Plants, Baking Ovens and Packing Machines.

We have established a well equipped Arc welding Electrode manufacturing facility which enables us to produce a quality range of products. Our manufacturing unit is spread over an area of 15000 square feet and has a massive capacity which enables us to undertake bulk production in case of urgent orders.



OUR PRODUCTS



HITECH E 6013 is a medium coated all purpose all position electrode for mild steel. Its covering, which is rutile based, carefully controlled in formulation and thickness.



APPLICATIONS

Sheet metal,
General light fabrication

SIZE	WELDING CURRENT
2.5	60-95
3.2	100-140
4.0	140-180

CHEMICAL COMPOSITION

C	- 0.1%
Mn	- 0.53%
Si	- 0.28%
S	- 0.027%
P	- 0.03%
Fe	- Rem

STANDARDS

IS:815-1991	: ER 4211
AWS	: E 6013
ISO	: E43 2 R 21
BS	: E43 2 R 21

CHEMICAL COMPOSITION

C	- 0.1%
Mn	- 0.53%
Si	- 0.28%
S	- 0.027%
P	- 0.03%

HITECH PLUS is a medium - heavy - coated, rutile type electrode, designed for universal radio graphic quality mild steel welding.



APPLICATIONS

Pressure Vessels, Boilers, Locomotive Fireboxes,
Storage Tanks



STANDARDS

IS:815-1991	: ER 4211
AWS	: E 6013
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Hitech super cut electrodes are meant for removing heavy and hard runners and raisers in the steel poured / moulded heavy products. Eg: Valves e.t.c. This electrode is used in the steel moulding foundaries in lieu of gas cutting. The arc of this cutting electrode will blow and remove of the unwanted parts without disturbing the cast / mould.



FEATURES

- Quite and stable arc.
- Easy to strike and re-strike.
- Free flowing weld metal.
- Minimum spatter loss.
- Low smoke.

Hitech dry flux powder is blended to suit for producing E6013 general purpose welding electrodes and have massive capacity to abide customer's requirements





APPLICATIONS OF OUR PRODUCTS



CONSTRUCTIONS



AUTOMOTIVE



AEROSPACE



SHIP BUILDING



RAILWAYS



MANUFACTURING
STRUCTURAL

PRIME ELECTRODSS

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