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Ö	राहमत विभाग AGREED DEPTT	नाम NAME	दिनांक एवं हस्ताक्षर DATE & SIGNATURE	पर्यवेक्षणकर्ता	SUPER VISED BY	A.K GARG	145		
INVENTORY NO.				स्रीकृति प्लांट स्टैर्न्डड APPROVED: PLANT STANDARDS COMMITTEE					
, NVE	-		विर्माण टेक्सलॉडी	ः अंवपसन्दर्ह	ज़ारी : अंवपसक्डहं टैक्नालॉजी		दिजांक .		

#### PURCHASE SPECIFICATION PLANT (CFFP = HARDWAR)

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3.6. The gouging holder shall have provision for 360° free revolving movement of the holder around air hose/ cable without twisting the air hose/cable for maximum maneuverability.

- 3.7. The Gouging electrode holder along with coaxial unitized standard cable and air hose assembly shall be able to work continuously at the maximum current (rated for 100% duty cycle) with 7kg/cm<sup>2</sup> air pressure without any air leakage through jaws and the air switch of the holder.
- 3.8. The Handle lever and handle covers shall be made in tough heat resistant and electrical insulating material and shall be so constructed that no dirt or foreign particles (likely to cause danger by electric shock) can lodge in joints, holes & other cervices and that the live ends of screws, pins etc can not be exposed in use.
- 3.9. Grip of Handle (OD) shall be such that operator can grip it easily & comfortably. The temperature of the grip of handle shall not exceed 30°C above ambient temperature when continuously used at rated current for 100% duty cycle for 30 minutes minimum.
- 3.10. Spring, if used, shall be insulated electrically so that they do not carry welding current unless designed to do so.

### 4. Test Certificate:

The party shall supply two sets of the test certificates along with dispatch documents at the time of delivery of gouging holder to confirm the suitability of the gouging electrode holder to meet all the technical requirements as per clause 3.1 to 3.10 given above and to pass all the four tests as given below and described under section 5.3 of IS 2641:1989.

- a) Insulation resistance test.
- b) High voltage test.
- c) Impact test.
- d) Test for flammability and resistance to heat.

## 5. Marking:

Each gouging electrode holder shall be marked with the following information:

- (a) Name of manufacturer, Trade mark, if any.
- (b) Current Rating at 100% duty cycle.

#### 6. Guarantee:

The gouging electrode holder shall be guaranteed for 18 months from the date of receipt

#### Packing:

The packing should be suitable to avoid any damage/ loss of material during handling, transit and storage.

14/ Flot निर्माणकर्ता V.K.Agarwal WORKED BY जांचकर्ता **AKGarg** 14/7/07 CHECKED BY

SUPERSEDES DIVENTORY NO.

संख्या करता सम्मानी यूची ह को अधिकृशित

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# संस्थान क्रय विनिर्देश (सी.एफ.एफ.पी - हरिद्वार)

FF 77184 Rev 02 पूछ का Page 3 of 4

PLANT PURCHASE SPECIFICATION (CFFP - HARDWAR)

SUPERSEDES INVENTORY NO 8. Special Requirements: a) The party shall send with offer the gouging holder catalogue / leaflet giving details of the gouging electrode holder construction and arrangement of holding the gouging सामग्री यूबी संख्या को अधिकशित करता cable, in particular. b) The party shall send quote for all the spares of holder for two years trouble free operation. c) The party shall provide test certificates (for the test conducted as per Clause-4 above) with supply. COPYRIGHT AND CONF CNTIAL
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Limited It must not be used directly or indirectly in any way detrimental to the
interest. of the company d) Party shall submit two copies of the operation and maintenance manual along with detailed assembly drawing (in English language) at the time of delivery of gouging holder. e) Final acceptance of gouging electrode holder shall be based on satisfactory report/ performance on shop floor. f) If the material received in CFFP is found not suitable as per clause no 4 given above, it shall be replaced free of cost by the supplier. pala, 短 HEEL 828 सुधना 女 क मान्य है OHE क्रम शे ति प्रत्यक्त एवं अञ्चलका क्ष्म दिन में ह्यक्तिकारक हो स पि # 3 स्वत्वाधिकारं एवं गोपनीयक 💀 本記を 52567 Series de la constitución de la graffer 2 推 福 इलेविट्रकरम 15ans DATE E SIGN A निर्माणकर्ता V.K.Agarwal 14/7/07 弘 WORKED BY संख्या संख्या जांचकर्ता **AKGarg** 14/7/7 CHECKED BY

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est just agende		RECORD OF CHANGES									
1 20		REV CODE	NO. OF CHANGES	DOCU. NO	). SHEET	NO.	SIGN	DATE			
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्तु व्याराजनकार वी वैतंत भागत स्थानकारामंत्र केपालमात्रका का पद्माममात्रका पट एव हो पदमात्रका वी बीम कार्यंतर			Additional details vide clause no 3.2 and 3.5 are added to the technical specifications to ensure better performance of the gouging holder in usage.		Sheet	no 1					
कंटर्पटाईक-ठ हि.स. प्रमाणनाज्ञास्य अपि कक्ष्मात्रामध्ये चे बीम स्प्राचनाज्ञास्य अपित हम देखक क्षामण	-		Details of the test to which suitability of the gouging holder is to be confirmed are included under clause no 4.0 for ensuring better performance.		Sheet	no 2					
कुरत प्रतिक में दी गई वेश हो कुरतका प्रत्यक्ष एवं ते कि कंपनी के दिन में			Clause no 8.0 is added to specify clearly the additional requirements to be met by supplier.		Sheet	no 2					
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