



وزارة البحث العلمي والتكنو معهد بحوث البترول المصرى Egyptian Petroleum Research Institute (EPRI)

مركز حماية الأسطح المعدنيه spc

## **Technical Test Report of** Tri Bitu Proof W Sample For Tri-chem Co.

## **Painting System:**

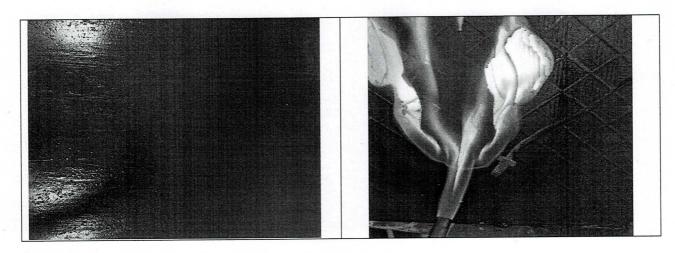
The painting system has been applied by EPRI in accordance with technical Data sheet and application guide.

## Fire test

The fire test has carried out according to international standard test method ASTM D 2939 & 1227, the coating sample was subjected to fire cyclic 10s on and 10s off the net results have recorded in the following table:

Test Type	results	Standard	Remark
Fire retard coated sample by Bitu Proof W	75 cycle 10s subject to flair and 10s off	ASTM D 2939 & 1227	Pass

The fire test of Tri Bitu Proof W Sample coated on steel ceramic panels at size  $40 \times 40$  cm. the coating sample has subjected to flair for 10s and unsubjected 10s, by following test steps and inspection we have been showed that the localized fire and don't flammable showed he following pics.





1 ش أحمد الزمر - مدينة نصر - القاهرة تليفون : ( 22242712 - 22242742 ) 202+ (فاكس : 22242433 ) 202+ (الرقم البريدي 11222 ) 1,Ahmed El-zomor St.,Nasr City, Cairo, Egypt Tel: (+202) 22747917 / 22747847 Fax: (+202) 22747433 P.O.;11727 E-mail : Delsockary@gmail.com

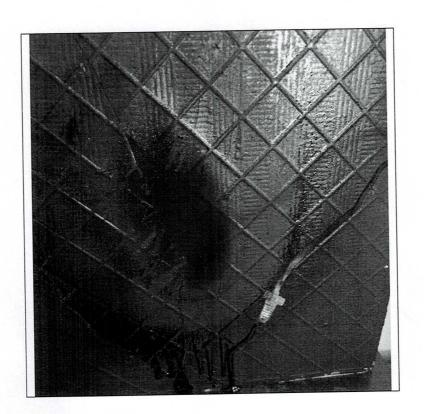
WWW.epri.sci.eg Mobile 01002336203, tel (02) 6707521





وزارة البحث العلمى والتكنولوجيا معهد بحوث البترول المصرى Egyptian Petroleum Research Institute (EPRI)

مركز حماية الأسطح المعدنيه spc



Conclusion

From above results one should be concluded that the coating sample Tri Bitu Proof W have been accepted as anti-fire material according to ASTM D 2939 & 1227.

**SPC Director** 

Prof. Dr. Ashraf Elsaid

5-1-2023





## Technical Report of Tri Bitu Proof W Sample For Tri-chem Co.

Date: 5/1/2023

The Tri Bitu Proof W is tested and evaluated and the net results are recorded in the following table:

Test	Results	Standards	Recommendation
Density	1.09	ASTM 2939	pass
Solid content	39%	ASTM D2369/95	pass
Liquid Water permeability	Class W3 (low ) 0.04 kg/(m <sup>2</sup> .0.5h)	EN1062	pass

**SPC** Director

Prof. Ashraf Elsaid

5-1-2-23