

Supplement No: 1**(1) Certificate of Conformity to Ex**

(2) Ex Certificate of Compliance Number: **IEP 17 EX 10017**

(3) Product: **Ex EX xx series, Non sparking tools (Cu-Ni)**

(4) Firm Name: **DEREGRUP Sanayi Ürünleri ve Makina Anonim Şirketi**

Firm Mark: **ExCσ Safety Tools**

(5) Firm Address: **Kazımdirik Mahallesi 351 Sok. No: 7-311 Afa İş Merkezi Bornova İzmir / TURKEY**

Production Address: **Metal İşleri Sanayi Sitesi 4. Cadde No:66 Kısıkköy Menderes İzmir / TURKEY**

(6) This product any of acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

(7) The IEP Uluslararası Enerji Petrol Gözetim, Sertifikasyon ve Teknik Hizmetler Organizasyonu Tic. Ltd. Sti., Inspection Body Accreditation number AB-0097-M in accordance with TS EN ISO/IEC 17020 within the scope given in Annex following the assessment conducted by TURKAK. The examination and test results are recorded in confidential Report Nr: IEP - Rp.Ex - 10.1161-1 dates 22.10.2020.

(8) Compliance with Essential Health and safety requirements has been assured by compliance with ;

EN ISO 80079-36:2016, EN 1127-1:2011

(9) This Ex Certificate of Compliance relates only to the design examination and testing of the specified equipment in accordance to the standards(related items).

(10) Manufacturer listed in the certificate is responsible for product conformity assurance in accordance with its specification (documentation) listed in Annex of the certificate and for successful performance of all specified routine tests and verification.

(11) If unit parts change, the certificate is invalid. If standard changes, again to must be examine. This certificate is valid 5 years.

(12) The marking:  sign is not obligatory.

I M2 / II 1G / II 1D

Responsible Person :

Nurettin Terzioglu
Head of Certification Body



Supplement Date of Issue: 23.10.2020



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(13) Schedule

(14) Certificate Nr: IEP 17 EX 10017

(15) Description of Equipment;

The Ex EX xx series non-sparking tools made of the certified materials (Cu-Ni) % 94.1 and are appropriate for use in potentially explosive atmospheres of the zone 0, zone 20 and mine of all explosion groups, if the following terms and conditions are met:

The material composition of these materials shall comply with the material composition of the tested samples, namely;

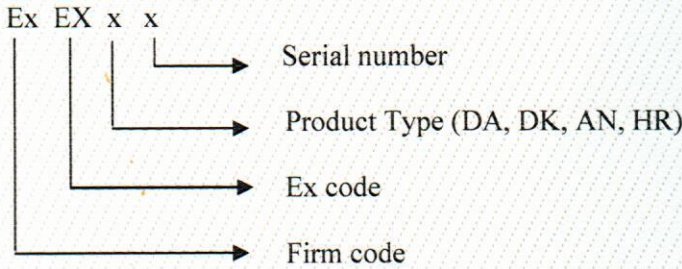
a- copper-nickel (Cu-Ni):

84,54 % Cu, 9,56 % Ni and other chemical materials. Test report date 15.06.2016

(Dokuz Eylul - Celal Bayar University chemistry department,

b- TSE test report number : AB-0001-T /303606 and date - 06.2016

The Ex EX xx series non-sparking tools (Cu-Ni) code system;



Ex EX DA Series: impact hand tools

Ex EX DK Series: Drill and scraper hand tools

Ex EX AN Series: Spanners group hand tools

Ex EX HR Series: movable hand tools

Responsible Person :

Nurettin Terzioglu

Head of Certification Body



IEP Uluslararası Enerji Petrol Gözetim, Sertifikasyon ve Teknik Hizmetler Organizasyon Ticaret Limited Sirketi

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(16) Certificate Nr: **IEP 17 EX 10017**

(17) Special conditions for safe use:

The installation and the operation of Ex EX xx series, Non sparking tools (Cu-Ni) has to confirm to the relevant national regulations. This certificate is valid for test report(CU-Ni) date 15.06.2016 (Dokuz Eylül - Celal Bayar University chemistry department) , TSE test report : AB-0001-T, 303606, 06-16 .

For mining hand-held tools category M2 the hazard of impact sparks must be eliminated to an acceptable level by application of protective coating (layer) on the surface of light alloy parts.

(18) Essential Health and Safety Requirements:

18.1 Are included in standards, which are mentioned in clause (9) of this certificate. The products were approved in accordance with above mentioned standards and manufacturer's instruction.

18.2 The Ex EX xx series Non sparking tools (Cu-Ni) has to be observed manufacturer's manual 5 pages dated 04.2017 for maintenance and use.

(19) List of Documentation:

- Technical Drawings : Ex-Ex-C1 ~ Ex-Ex-C128 pages, date 13.01.2013
- Component Lists : Table 1, date 13.01.2013 (Rev: material analysis, University test reports)
- Test Reports : Date 15.06.2016 (Dokuz Eylül University chemistry department)
Date 28.04.2017(Celal Bayar University research center department)
New Drawings : Ex-EX-C129 ~ Ex-EX-C136 pages, date 28.08.2017

Ex EX DA Series: impact hand tools
Ex EX DK Series: Drill and scraper hand tools
Ex EX AN Series: Spanners group hand tools
Ex EX HR Series: movable hand tools

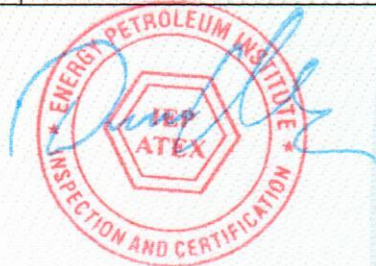
(20) If the chemical analysis(within tolerances) changes, the certificate is invalid.

Certificate History:

Supplement No	Supplement Date	Summary Description of Variation
01	23.10.2020	Standard Update, Change of Address, Change of Scope, Product Code System Change
00	14.09.2017	First issue of certificate

Responsible Person:

Nurettin Terzioglu
Head of Certification Body



Supplement Date of Issue: 23.10.2020

IEP Uluslararası Enerji Petrol Gözetim, Sertifikasyon ve Teknik Hizmetler Organizasyon Ticaret Limited Sirketi

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