

BRATISLAVA

Certifikačný orgán pre certifikáciu personálu
vo zvarovaní NDT

CERTIFIKÁCIA
PERSONÁLU

Č. D/002

Stredový Slovenský národný akreditačný ústav
podľa STN EN 45013

Certification Body for Industrial Non Destructive Personnel Certification
Accredited by the Slovak National Accreditation Service according to STN EN 45013 Standard

VYDAVA

Issues the

CERTIFIKÁT

CERTIFICATE

Č.No. 1 A 181/02

KTORÝM OSVEDČUJE, ŽE

By which it approves, that

Juraj ŽIGA

Dátum narodenia: 6.1.1961

Date of Birth

Rodné číslo: 610106/6290

Birth Number

JE PO SPLENENÍ POŽIADAVIEK STN EN 473 A SMERNICE S05-COP-2000

SPÓSIBILÝ VYKONÁVAŤ

Is competent, based upon compliance with the requirements of STN EN 473 and Guideline No. S05-COP-2000, to perform

SKÚŠANIE PREŽAROVANÍM - RT
2. STUPEŇ

RADIOGRAPHIC TESTING - RT, LEVEL 2

Priemyselné odvetvie: 6, 7
Industrial Sector

Lehota platnosti: 28.6.2007

Expiry Date



Bratislava, 22.7.2002

Place and Date of Issue

M. H. H.
Vedúca certifikačného orgánu
Head of Certification Body

Číslo - Nr. - No.: RT - E/6/40/2005

Výsledky - Ergebnisse - Results

F-vrubby(zápaly)/Einbrandkerben/Undercuts

Vady/Inerre Befund/Errors:
Aa-Póry/Poren/Gas pore
Aa-Pretiahnuté póry/Schlauchpre/Vorn hole
Ba-Vtnuseninv/nicht cscharfk Schlackeneinchluss/slag inolusion

Vady/Inerre Befund/Errors:
Aa-Póty/Poren/Gas pore
Aa-Pretiahnuté póty/Schlauchpre-
Ba-Víruseniny/nicht cscharfk Schl-
Hodnotenie/Bewertung/Evaluation:
Miesto/Ort/Location: Košice

N-Nevyhovuje/Nicht erfüllt/Non Fulfilled
20.6.2005 ZIGA JURAJ C. Certifkátu/Zertifikats Nr./Certification No. 1 A 181/02 VUZ

Číslo - Nr. - No.: RT - E/6/39/2005

Výsledky - Ergebnisse - Results

Vady/Innre Befund/Errors:
Aa-Póry/Poren/Gas pore
Aa-Pretiahnuté póry/Schlauchpre/Worm hole
Ba-Vtnissen/nv/nicht cscharfk Schlackeneinchluss/slag inclusion

Ea-Pozdĺžna trhlina/Laungsriß/Longi
Eb-Priečna trhlina/Querriß/Transverse crack
Ec-Kráterová trhlina/Endkraterriß/Crater crack

Ea-Pozdižna trhlina/Laungsriiss/Longi

Ea-Pozdizlna trhlina/Laungsriss/Longi
Eb-Príčna trhlina/Querriß/Transverse crack
Ec-Kráterová trhlina/Endkraterriß/Crater crack

| | |
|--|---|
| V-Vyhovuje/Erfüllt/Fulfilled | N-Newhovuje/Nicht erfüllt/Non Fulfilled |
| Skúša/Prüfer/Examiner: Dátum/Datum/Date: 28. | 18.6.2005 ZIGA JURAJ C. |

C. Certifikátu/Zertifikats Nr./Certification No. 1 A 181/02 VUZ 040 16 ~~KOŠICE~~ - MYSLAVA
tel.: 0903 602 812

Protokol - Nachweis - Test report
Skúška prežiarením - Durchstrahlungsprüfung - Radiographic Test

Číslo - Nr. - No.: RT - E/6/38/2005

| | | | |
|---|---------------|---|----------------|
| Č. Zákazky - Auftrags Nr. - Order No: | CMP ARLES 783 | Č. Výkresu - Zeichnungs Nr. - Drawing No.: | /03 |
| Dielec - Teil Nr. - Segment: | HORIZONTALS | Materiál - Werkstoff - Material: | 304L |
| Prevedenie skúšky - Prüfungsweisung - Test instruction: | EN 1435 | Hodnotenie/Klasifikačný stupeň - Anforderungsstufe/Prüfgruppe - | STN EN 13480-5 |
| Zdroj röntgenového žiarenia - Röntgenrohre - X-ray | IR 192 | Acceptance level/Test group: B | |
| Mierka - Bildguteprüfkorper - IQI | EN FE 10 | Rozmer ohniska - Grose Brannfleck - Focus size: | 2X1,4mm |

Výsledky - Ergebnisse - Results

| Položka Position | Číslo Snimky Film Nr. | Hrúbka Dicke Thickness | KV/mA | Film/trieda filmu Film/sorte Film/type | Rozmer filmu Filmbemessung Size of film | Folia Folien Screens | Exp. Čas Belichtungszeit Exposure time | Ohn. Vzd. FFA FFD | Č. Zvárača Schweiser nr. Welder No. | BZ Bildgute Image quality | Vady Innerer Befund Errors | Hodnotenie Bewertung Evaluation |
|---------------------|-----------------------------|------------------------------|-------|--|---|----------------------------|--|-------------------------|---|------------------------------------|----------------------------------|---------------------------------------|
| | Film No. | (mm) | | | (cm) | | (min) | (mm) | | | | V N |
| 1 | J33J44 1 | 6mm | 40Cl | AGFA D7 | 10X48 | PB | 3 | 700 | W1,W91 | 15 | | X |
| 2 | J33J43 1 | 6mm | 40Cl | AGFA D7 | 10X48 | PB | 3 | 700 | W1,W91 | 15 | | X |
| 3 | J33J44 2 | 6mm | 40Cl | AGFA D7 | 10X48 | PB | 3 | 700 | W1,W91 | 15 | | X |
| 4 | J33J43 2 | 6mm | 40Cl | AGFA D7 | 10X48 | PB | 3 | 700 | W1,W91 | 15 | | X |
| 5 | J33J44 3 | 6mm | 40Cl | AGFA D7 | 10X48 | PB | 3 | 700 | W1,W91 | 15 | 2011 | X |
| 6 | J33J43 3 | 6mm | 40Cl | AGFA D7 | 10X48 | PB | 3 | 700 | W1,W91 | 15 | | X |
| 7 | J33J44 4 | 6mm | 40Cl | AGFA D7 | 10X48 | PB | 3 | 700 | W1,W91 | 15 | | X |
| 8 | J33J43 4 | 6mm | 40Cl | AGFA D7 | 10X48 | PB | 3 | 700 | W1,W91 | 15 | | X |
| 9 | J33J44 5 | 6mm | 40Cl | AGFA D7 | 10X48 | PB | 3 | 700 | W1,W91 | 15 | | X |
| 10 | J33J43 5 | 6mm | 40Cl | AGFA D7 | 10X48 | PB | 3 | 700 | W1,W91 | 15 | 2011 | X |
| 11 | J33 1 | 6mm | 40Cl | AGFA D7 | 10X48 | PB | 3 | 700 | W1,W91 | 15 | | X |
| 12 | J33 2 | 6mm | 40Cl | AGFA D7 | 10X48 | PB | 3 | 700 | W1,W91 | 15 | | X |
| 13 | J33 3 | 6mm | 40Cl | AGFA D7 | 10X48 | PB | 3 | 700 | W1,W91 | 15 | | X |
| 14 | J33 4 | 6mm | 40Cl | AGFA D7 | 10X48 | PB | 3 | 700 | W1,W91 | 15 | | X |
| 15 | J33 5 | 6mm | 40Cl | AGFA D7 | 10X48 | PB | 3 | 700 | W1,W91 | 15 | | X |
| 16 | J33 6 | 6mm | 40Cl | AGFA D7 | 10X48 | PB | 3 | 700 | W1,W91 | 15 | | X |
| 17 | J33 7 | 6mm | 40Cl | AGFA D7 | 10X48 | PB | 3 | 700 | W1,W91 | 15 | 2011 | X |
| 18 | J33 8 | 6mm | 40Cl | AGFA D7 | 10X48 | PB | 3 | 700 | W1,W91 | 15 | | X |
| 19 | J33 9 | 6mm | 40Cl | AGFA D7 | 10X48 | PB | 3 | 700 | W1,W91 | 15 | | X |
| 20 | J33 10 | 6mm | 40Cl | AGFA D7 | 10X48 | PB | 3 | 700 | W1,W91 | 15 | | X |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |

Vady/Inere Befund/Errors:

Aa-Póry/Poren/Gas pore

Ba-Vrúseniny/nicht cschark Schlauchpore/Worm hole

Ba-Vrúseniny/nicht cschark Schlackeneinchluss/slag inclusion

Hodnotenie/Bewertung/Evaluation:

Miesto/Ort/Location: Košice

C-studený spoj/Binderfehler/Lack of fusion

D-Neprievary/Wurzelfehler/Lack of penetration

E-trhlina/Riß/Crack

Ea-Pozdĺžna trhina/Laungssriss/Longi

Eb-Priečna trhina/Querriß/Transverse crack

Ec-Kráterová trhina/Endkraterriß/Crater crack

F-vruby(zápaly)/Einbrandkerben/Undercuts

NAGUAL S.r.o.
Za Dobrych Wynom 71
040 16 ROŤICE - MYSLAV
tel.: 0905 602 812

Číslo - Nr. - No.: RT - E/5/29/2005

Výsledky - Ergebnisse - Results

F-vrubby(zápaly)/Einbrandkerben/Underøuts

Za Dolným Mlynom 71
040 16 KÁRCE - MYSLAVA
tel.: 0905 602 812

Protokol - Nachweis - Test report Skúška prežiarením - Durchstrahlungsprüfung - Radiographic Test

Číslo - Nr. - No.: RT - E/5/26/2005

| | | | |
|---|---------------|---|----------------|
| Č. Zákazky - Auftrags Nr. - Order No: | CMP ARLES 783 | Č. Výkresu - Zeichnungs Nr. - Drawing No.: | 3 |
| Dielec - Teil Nr. - Segment: | HORIZONTALS | Material - Werkstoff - Material: | 304L |
| Prevedenie skúšky - Prüfungsweisung - Test instruction: | EN 1435 | Hodnotenie/Klasifikačný stupeň - Anforderungsstufe/Prüfgruppe - | STN EN 13480-5 |
| Zdroj röntgenového žiarenia - Röntgenrohre - X-ray | IR 192 | Acceptance level/Test group: B | |
| Mierka - Bildguteprüfkorper - IQI | EN FE 10 | Rozmer ohniska - Grose Brannfleck - Focus size: | 2X1,4mm |

Výsledky - Ergebnisse - Results

| Položka Position | Číslo Snímky Film Nr. | Hrúbka Dicke Thickness (mm) | KV/mA | Film/trieda filmu Film/sorte Film/type | Rozmer filmu Filmbmessung Size of film (cm) | Folia Folien Screens | Exp. čas Belichtungszeit Exposure time (min) | Ohn. Vzd. FFD (mm) | Č. Zvárača Schweiser nr. Welder No. | BZ Bildgute Image quality | Vady Innerer Befund Errors | Hodnotenie Bewertung Evaluation |
|---------------------|-----------------------------|--------------------------------------|-------|--|--|----------------------------|---|--------------------------|---|------------------------------------|----------------------------------|---------------------------------------|
| | Film No. | | | | | | | | | | | V N |
| 1 | J30J41 1 | 8mm | 50Cl | AGFA D7 | 10X48 | PB | 2 | 700 | W91,W3 | 15 | | X |
| 2 | J30J40 1 | 8mm | 50Cl | AGFA D7 | 10X48 | PB | 2 | 700 | W91,W3 | 15 | | X |
| 3 | J30J41 2 | 8mm | 50Cl | AGFA D7 | 10X48 | PB | 2 | 700 | W91,W3 | 15 | | X |
| 4 | J30J40 2 | 8mm | 50Cl | AGFA D7 | 10X48 | PB | 2 | 700 | W91,W3 | 15 | | X |
| 5 | J30J41 3 | 8mm | 50Cl | AGFA D7 | 10X48 | PB | 2 | 700 | W91,W3 | 15 | | X |
| 6 | J30J40 3 | 8mm | 50Cl | AGFA D7 | 10X48 | PB | 2 | 700 | W91,W3 | 15 | | X |
| 7 | J30J41 4 | 8mm | 50Cl | AGFA D7 | 10X48 | PB | 2 | 700 | W91,W3 | 15 | | X |
| 8 | J30J40 4 | 8mm | 50Cl | AGFA D7 | 10X48 | PB | 2 | 700 | W91,W3 | 15 | | X |
| 9 | J30J41 5 | 8mm | 50Cl | AGFA D7 | 10X48 | PB | 2 | 700 | W91,W3 | 15 | | X |
| 10 | J30J40 5 | 8mm | 50Cl | AGFA D7 | 10X48 | PB | 2 | 700 | W91,W3 | 15 | | X |
| 11 | J30 1 | 8mm | 50Cl | AGFA D7 | 10X48 | PB | 2 | 700 | W91,W3 | 15 | | X |
| 12 | J30 2 | 8mm | 50Cl | AGFA D7 | 10X48 | PB | 2 | 700 | W91,W3 | 15 | | X |
| 13 | J30 3 | 8mm | 50Cl | AGFA D7 | 10X48 | PB | 2 | 700 | W91,W3 | 15 | | X |
| 14 | J30 4 | 8mm | 50Cl | AGFA D7 | 10X48 | PB | 2 | 700 | W91,W3 | 15 | | X |
| 15 | J30 5 | 8mm | 50Cl | AGFA D7 | 10X48 | PB | 2 | 700 | W91,W3 | 15 | | X |
| 16 | J30 6 | 8mm | 50Cl | AGFA D7 | 10X48 | PB | 2 | 700 | W91,W3 | 15 | 3041 | X |
| 17 | J30 7 | 8mm | 50Cl | AGFA D7 | 10X48 | PB | 2 | 700 | W91,W3 | 15 | 2011 | X |
| 18 | J30 8 | 8mm | 50Cl | AGFA D7 | 10X48 | PB | 2 | 700 | W91,W3 | 15 | | X |
| 19 | J30 9 | 8mm | 50Cl | AGFA D7 | 10X48 | PB | 2 | 700 | W91,W3 | 15 | | X |
| 20 | J30 10 | 8mm | 50Cl | AGFA D7 | 10X48 | PB | 2 | 700 | W91,W3 | 15 | | X |

Vady/Innerer Befund/Errors:

Aa-Póry/Poren/Gas pore

Aa-Preťahnuté póry/Schlauchpore/Worm hole

Ba-Vtrúseniny/nicht oscharfk Schlackeneinchluss/slag inclusions

Hodnotenie/Bewertung/Evaluation:

Miesto/Ort/Location: Košice

C-studený spoj/Binderfehler/Lack of fusion

D-Neprítváry/Wurzelfehler/Lack of penetration

E-trhlina/Riß/Crack

Ea-Pozlízna trhlina/Laungsriss/Longi

Eb-Priečna trhlina/Querriß/Transverse crack

Ec-Kráterová trhlina/Endkraterriß/Crater crack

F-vruby(zápaly)/Einbrandkerben/Undercuts

NAGUAL S.r.o.

Za Dolným Mlynom 71

040 16 KOŠICE

tel.: 0905 602 812

C. Certifikátu/Zertifikats Nr./Certification No. 1 A 181/02 VUZ

N-Nevyhovuje/Nicht erfüllt/Non Fulfilled

8.5.2005

V-Vyhovuje/Erfüllt/Fulfilled

Skúšal/Prüfer/Examiner: Datum/Datum/Date: 28.

Číslo - Nr. - No.: RT - E/6/40/2005

Výsledky - Ergebnisse - Results

Hodnotenie/Bewertung/Evaluation:
Miesto/Ort/Location: Košice

| | | |
|------------------------------|---|--|
| V-Vyhovuje/Erfüllt/Fulfilled | N-Newhovuje/Nicht erfüllt/Non Fulfilled | C. Certifikát/Zertifikats Nr./Certification No. 1 A 181/02 VUZ |
| svěděl/Prüfer/Examiner | Datum/Datum/Date: 28. 21.6.2005 | |

NAGUAL s.r.o.
Za Dolným Mýzom 71
040 16 KOŠICE - MYSLAVA
tel.: 0905 602 812

Protokol - Nachweis - Test report Skúška prežiarením - Durchstrahlungsprüfung - Radiographic Test

Číslo - Nr. - No.: RT - E/6/39/2005

| | | | |
|---|---------------|---|----------------|
| Č. Zákazky - Auftrags Nr. - Order No: | CMP ARLES 783 | Č. Výkresu - Zeichnungs Nr. - Drawing No.: | /03 |
| Dielec - Teil Nr. - Segment: | VERTICALS | Materiál - Werkstoff - Material: | 304L |
| Prevedenie skúšky - Prüfangeweisung - Test instruction: | EN 1435 | Hodnotenie/Klasifikačný stupeň - Anforderungsstufe/Prüfgruppe - | STN EN 13480-5 |
| Zdroj röntgenového žiarenia - Röntgenrohre - X-ray | IR 192 | Acceptance level/Test group: B | |
| Mierka - Bildguteprufkörper - IQI | EN FE 10 | Rozmer ohniska - Grose Brannfirk - Focus size: | 2X1,4mm |

Výsledky - Ergebnisse - Results

| Položka Position Position | Číslo Snímky Film Nr. | Hrúbka Dicke Thickness (mm) | KV/mA | Film/trieda filmu Film/sorte Film/type | Rozmer filmu Filmbemessung Size of film (cm) | Folia Folien Screens | Exp. Čas Belichtungszeit Exposure time (min) | Ohn. Vzd. FFA FFD (mm) | Č. Zvárača Schweiser nr. Welder No. | BZ Bildgute Image quality | Vady Innerer Befund Errors | Hodnotenie Bewertung Evaluation | |
|---------------------------------|-----------------------------|--------------------------------------|-------|--|---|----------------------------|---|---------------------------------|---|------------------------------------|----------------------------------|---------------------------------------|---|
| | | | | | | | | | | | | V | N |
| 1 | J45 1 | 6mm | 40CI | AGFA D7 | 10X48 | PB | 3 | 700 | W22,W92 | 15 | | X | |
| 2 | J45 1 | 6mm | 40CI | AGFA D7 | 10X48 | PB | 3 | 700 | W22,W92 | 15 | | X | |
| 3 | J45 1 | 6mm | 40CI | AGFA D7 | 10X48 | PB | 3 | 700 | W22,W92 | 15 | | X | |
| 4 | J45 1 | 6mm | 40CI | AGFA D7 | 10X48 | PB | 3 | 700 | W22,W92 | 15 | 3041 | X | |
| 5 | J45 1 | 6mm | 40CI | AGFA D7 | 10X48 | PB | 3 | 700 | W22,W92 | 15 | | X | |
| 1 | J45 2 | 6mm | 40CI | AGFA D7 | 10X48 | PB | 3 | 700 | W22,W92 | 15 | | X | |
| 2 | J45 2 | 6mm | 40CI | AGFA D7 | 10X48 | PB | 3 | 700 | W22,W92 | 15 | 3041 | X | |
| 3 | J45 2 | 6mm | 40CI | AGFA D7 | 10X48 | PB | 3 | 700 | W22,W92 | 15 | | X | |
| 4 | J45 2 | 6mm | 40CI | AGFA D7 | 10X48 | PB | 3 | 700 | W22,W92 | 15 | | X | |
| 5 | J45 2 | 6mm | 40CI | AGFA D7 | 10X48 | PB | 3 | 700 | W22,W92 | 15 | | X | |
| 1 | J45 3 | 6mm | 40CI | AGFA D7 | 10X48 | PB | 3 | 700 | W22,W92 | 15 | | X | |
| 2 | J45 3 | 6mm | 40CI | AGFA D7 | 10X48 | PB | 3 | 700 | W22,W92 | 15 | | X | |
| 3 | J45 3 | 6mm | 40CI | AGFA D7 | 10X48 | PB | 3 | 700 | W22,W92 | 15 | | X | |
| 4 | J45 3 | 6mm | 40CI | AGFA D7 | 10X48 | PB | 3 | 700 | W22,W92 | 15 | | X | |
| 5 | J45 3 | 6mm | 40CI | AGFA D7 | 10X48 | PB | 3 | 700 | W22,W92 | 15 | | X | |
| 1 | J45 4 | 6mm | 40CI | AGFA D7 | 10X48 | PB | 3 | 700 | W22,W92 | 15 | | X | |
| 2 | J45 4 | 6mm | 40CI | AGFA D7 | 10X48 | PB | 3 | 700 | W22,W92 | 15 | 3041 | X | |
| 3 | J45 4 | 6mm | 40CI | AGFA D7 | 10X48 | PB | 3 | 700 | W22,W92 | 15 | | X | |
| 4 | J45 4 | 6mm | 40CI | AGFA D7 | 10X48 | PB | 3 | 700 | W22,W92 | 15 | | X | |
| 5 | J45 4 | 6mm | 40CI | AGFA D7 | 10X48 | PB | 3 | 700 | W22,W92 | 15 | | X | |
| 1 | J45 5 | 6mm | 40CI | AGFA D7 | 10X48 | PB | 3 | 700 | W22,W92 | 15 | | X | |
| 2 | J45 5 | 6mm | 40CI | AGFA D7 | 10X48 | PB | 3 | 700 | W22,W92 | 15 | | X | |
| 3 | J45 5 | 6mm | 40CI | AGFA D7 | 10X48 | PB | 3 | 700 | W22,W92 | 15 | | X | |
| 4 | J45 5 | 6mm | 40CI | AGFA D7 | 10X48 | PB | 3 | 700 | W22,W92 | 15 | | X | |
| 5 | J45 5 | 6mm | 40CI | AGFA D7 | 10X48 | PB | 3 | 700 | W22,W92 | 15 | | X | |

Protokol - Nachweis - Test report Skúška prežiarením - Durchstrahlungsprüfung - Radiographic Test

Číslo - Nr. - No.: RT - E/5/34/2005

| | | | |
|---|---------------|---|----------------|
| Č. Zakazky - Auftrags Nr. - Order No: | CMP ARLES 783 | Č. Výkresu - Zeichnungs Nr. - Drawing No.: | /03 |
| Dielec - Teil Nr. - Segment: | VERTICALS | Materiál - Werkstoff - Material: | 304L |
| Prevedenie skúšky - Prüfungsweisung - Test instruction: | EN 1435 | Hodnotenie/Klasifikačný stupeň - Anforderungsstufe/Prüfgruppe - | STN EN 13480-5 |
| Zdroj röntgenového žiarenia - Röntgenrohre - X-ray | IR 192 | Acceptance level/Test group: B | |
| Mierka - Bildguteprüfkorper - IQI | EN FE 10 | Rozmer ohniska - Grose Brannfleck - Focus size: | 2X1,4mm |

Výsledky - Ergebnisse - Results

| Položka Position Position | Číslo Snímky Film Nr. | Hrúbka Dicke Thickness (mm) | KV/mA | Film/trieda filmu Film/sorte Film/type | Rozmer filmu Filmabmessung Size of film (cm) | Folia Folien Screens | Exp. Čas Belichtungszeit Exposure time (min) | Ohn. Vzd. FFA FFD (mm) | Č. Zvárača Schweiser nr. Welder No. | BZ Bildgute Image quality | Vady Innerer Befund Errors | Hodnotenie Bewertung Evaluation | |
|---------------------------------|-----------------------------|--------------------------------------|-------|--|---|----------------------------|---|---------------------------------|---|------------------------------------|----------------------------------|---------------------------------------|---|
| | | | | | | | | | | | | V | N |
| 1 | J44 1 | 6mm | 45Cl | AGFA D7 | 10X48 | PB | 3 | 700 | W1,W91 | 15 | | X | |
| 2 | J44 1 | 6mm | 45Cl | AGFA D7 | 10X48 | PB | 3 | 700 | W1,W91 | 15 | | X | |
| 3 | J44 1 | 6mm | 45Cl | AGFA D7 | 10X48 | PB | 3 | 700 | W1,W91 | 15 | | X | |
| 4 | J44 1 | 6mm | 45Cl | AGFA D7 | 10X48 | PB | 3 | 700 | W1,W91 | 15 | | X | |
| 5 | J44 1 | 6mm | 45Cl | AGFA D7 | 10X48 | PB | 3 | 700 | W1,W91 | 15 | | X | |
| 1 | J44 2 | 6mm | 45Cl | AGFA D7 | 10X48 | PB | 3 | 700 | W1,W91 | 15 | | X | |
| 2 | J44 2 | 6mm | 45Cl | AGFA D7 | 10X48 | PB | 3 | 700 | W1,W91 | 15 | | X | |
| 3 | J44 2 | 6mm | 45Cl | AGFA D7 | 10X48 | PB | 3 | 700 | W1,W91 | 15 | | X | |
| 4 | J44 2 | 6mm | 45Cl | AGFA D7 | 10X48 | PB | 3 | 700 | W1,W91 | 15 | | X | |
| 5 | J44 2 | 6mm | 45Cl | AGFA D7 | 10X48 | PB | 3 | 700 | W1,W91 | 15 | | X | |
| 1 | J44 3 | 6mm | 45Cl | AGFA D7 | 10X48 | PB | 3 | 700 | W1,W91 | 15 | | X | |
| 2 | J44 3 | 6mm | 45Cl | AGFA D7 | 10X48 | PB | 3 | 700 | W1,W91 | 15 | | X | |
| 3 | J44 3 | 6mm | 45Cl | AGFA D7 | 10X48 | PB | 3 | 700 | W1,W91 | 15 | | X | |
| 4 | J44 3 | 6mm | 45Cl | AGFA D7 | 10X48 | PB | 3 | 700 | W1,W91 | 15 | | X | |
| 5 | J44 3 | 6mm | 45Cl | AGFA D7 | 10X48 | PB | 3 | 700 | W1,W91 | 15 | | X | |
| 1 | J44 4 | 6mm | 45Cl | AGFA D7 | 10X48 | PB | 3 | 700 | W1,W91 | 15 | 2011 | X | |
| 2 | J44 4 | 6mm | 45Cl | AGFA D7 | 10X48 | PB | 3 | 700 | W1,W91 | 15 | | X | |
| 3 | J44 4 | 6mm | 45Cl | AGFA D7 | 10X48 | PB | 3 | 700 | W1,W91 | 15 | 2011 | X | |
| 4 | J44 4 | 6mm | 45Cl | AGFA D7 | 10X48 | PB | 3 | 700 | W1,W91 | 15 | | X | |
| 5 | J44 4 | 6mm | 45Cl | AGFA D7 | 10X48 | PB | 3 | 700 | W1,W91 | 15 | | X | |
| 1 | J44 5 | 6mm | 45Cl | AGFA D7 | 10X48 | PB | 3 | 700 | W1,W91 | 15 | | X | |
| 2 | J44 5 | 6mm | 45Cl | AGFA D7 | 10X48 | PB | 3 | 700 | W1,W91 | 15 | | X | |
| 3 | J44 5 | 6mm | 45Cl | AGFA D7 | 10X48 | PB | 3 | 700 | W1,W91 | 15 | 3041 | X | |
| 4 | J44 5 | 6mm | 45Cl | AGFA D7 | 10X48 | PB | 3 | 700 | W1,W91 | 15 | | X | |
| 5 | J44 5 | 6mm | 45Cl | AGFA D7 | 10X48 | PB | 3 | 700 | W1,W91 | 15 | | X | |

Protokol - Nachweis - Test report Skúška prežiarením - Durchstrahlungsprüfung - Radiographic Test

Číslo - Nr. - No.: RT - E/5/28/2005

| | | | |
|---|---------------|---|----------------|
| Č. Zákazky - Auftrags Nr. - Order No: | CMP ARLES 783 | Č. Výkresu - Zeichnungs Nr. - Drawing No.: | /03 |
| Dielec - Teil Nr. - Segment: | VERTICALS | Materiál - Werkstoff - Material: | 304L |
| Prevedenie skúšky - Prüfanweisung - Test instruction: | EN 1435 | Hodnotenie/Klasifikačný stupeň - Anforderungsstufe/Prüfgruppe - | STN EN 13480-5 |
| Zdroj rentgenového žiarenia - Röntgenrohre - X-ray | IR 192 | Acceptance level/Test group: B | |
| Mierka - Bildguteprufkörper - IQI | EN FE 10 | Rozmer ohniska - Grose Brannfleck - Focus size: | 2X1,4mm |

Výsledky - Ergebnisse - Results

| Položka Position | Číslo Snimky Film Nr. | Hrúbka Dicke Thickness (mm) | KV/mA | Film/trieda filmu Film/sorte Film/type | Rozmer filmu Filmabmessung Size of film (cm) | Folia Folien Screens | Exp. Čas Belichtungszeit Exposure time (min) | Ohn. Vzd. FFA FFD (mm) | Č. Zvárača Schweiser nr. Welder No. | BZ Bildgute Image quality | Vady Innerer Befund Errors | Hodnotenie Bewertung Evaluation |
|---------------------|-----------------------------|--------------------------------------|-------|--|---|----------------------------|---|---------------------------------|---|------------------------------------|----------------------------------|---------------------------------------|
| | | | | | | | | | | | | V N |
| 1 | J42 1 | 6mm | 50Cl | AGFA D7 | 10X48 | PB | 2 | 700 | W1,W3 | 15 | | X |
| 2 | J42 1 | 6mm | 50Cl | AGFA D7 | 10X48 | PB | 2 | 700 | W1,W3 | 15 | | X |
| 3 | J42 1 | 6mm | 50Cl | AGFA D7 | 10X48 | PB | 2 | 700 | W1,W3 | 15 | | X |
| 4 | J42 1 | 6mm | 50Cl | AGFA D7 | 10X48 | PB | 2 | 700 | W1,W3 | 15 | | X |
| 5 | J42 1 | 6mm | 50Cl | AGFA D7 | 10X48 | PB | 2 | 700 | W1,W3 | 15 | | X |
| 1 | J42 2 | 6mm | 50Cl | AGFA D7 | 10X48 | PB | 2 | 700 | W1,W3 | 15 | | X |
| 2 | J42 2 | 6mm | 50Cl | AGFA D7 | 10X48 | PB | 2 | 700 | W1,W3 | 15 | | X |
| 3 | J42 2 | 6mm | 50Cl | AGFA D7 | 10X48 | PB | 2 | 700 | W1,W3 | 15 | | X |
| 4 | J42 2 | 6mm | 50Cl | AGFA D7 | 10X48 | PB | 2 | 700 | W1,W3 | 15 | | X |
| 5 | J42 2 | 6mm | 50Cl | AGFA D7 | 10X48 | PB | 2 | 700 | W1,W3 | 15 | | X |
| 1 | J42 3 | 6mm | 50Cl | AGFA D7 | 10X48 | PB | 2 | 700 | W1,W3 | 15 | | X |
| 2 | J42 3 | 6mm | 50Cl | AGFA D7 | 10X48 | PB | 2 | 700 | W1,W3 | 15 | | X |
| 3 | J42 3 | 6mm | 50Cl | AGFA D7 | 10X48 | PB | 2 | 700 | W1,W3 | 15 | | X |
| 4 | J42 3 | 6mm | 50Cl | AGFA D7 | 10X48 | PB | 2 | 700 | W1,W3 | 15 | | X |
| 5 | J42 3 | 6mm | 50Cl | AGFA D7 | 10X48 | PB | 2 | 700 | W1,W3 | 15 | | X |
| 1 | J42 4 | 6mm | 50Cl | AGFA D7 | 10X48 | PB | 2 | 700 | W1,W3 | 15 | | X |
| 2 | J42 4 | 6mm | 50Cl | AGFA D7 | 10X48 | PB | 2 | 700 | W1,W3 | 15 | | X |
| 3 | J42 4 | 6mm | 50Cl | AGFA D7 | 10X48 | PB | 2 | 700 | W1,W3 | 15 | | X |
| 4 | J42 4 | 6mm | 50Cl | AGFA D7 | 10X48 | PB | 2 | 700 | W1,W3 | 15 | | X |
| 5 | J42 4 | 6mm | 50Cl | AGFA D7 | 10X48 | PB | 2 | 700 | W1,W3 | 15 | | X |
| 1 | J42 5 | 6mm | 50Cl | AGFA D7 | 10X48 | PB | 2 | 700 | W1,W3 | 15 | | X |
| 2 | J42 5 | 6mm | 50Cl | AGFA D7 | 10X48 | PB | 2 | 700 | W1,W3 | 15 | | X |
| 3 | J42 5 | 6mm | 50Cl | AGFA D7 | 10X48 | PB | 2 | 700 | W1,W3 | 15 | | X |
| 4 | J42 5 | 6mm | 50Cl | AGFA D7 | 10X48 | PB | 2 | 700 | W1,W3 | 15 | | X |
| 5 | J42 5 | 6mm | 50Cl | AGFA D7 | 10X48 | PB | 2 | 700 | W1,W3 | 15 | | X |

Hodnotenie/Bewertung/Evaluation:
Miesto/Ort/Location: Košice

V-Vyhovuje/Erfüllt/Fulfilled
Skúša/Prüfer/Examiner: Datum/Date: 28. 11. 2005

N-Nevyhovuje/Nicht erfüllt/Non Fulfilled
C. Certifikátu/Zertifikats Nr./Certification No. 1 A 181/02 VUZ

NAGUAL S.R.O.
Za Dolným mlynom 71
040 16 KOŠICE
tel.: 0905 601 812

Číslo - Nr. - No.: RT - E/419/2005

Výsledky - Ergebnisse - Results

Vady/Innerre Befund/Errors:

Ba-Vitriiseninv/nicht escharfk Schlackeneinchluss/slag inlusion

Hodnotenie/Bewertung/Evaluation:

Miesto/Ort/Location: Košice

C-studený spoj/Binderfehler/Lack of fusion
D-Neprievazy/Wurzelfehler/Lack of penetration
E-trhlina/Ris/Crack

Ea-Pozdĺžna trhlina/Laungsriss/Longi
Eb-Priečna trhlina/Quernriß/Transverse crack
Ec-Kráterová trhlina/Endkraternriß/Crater crack

F-vrubby(zápaly)/Einbrandkerben/Undercuts

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040 16 KOSICE-MYSLAVA
tel.: 0905 602 812

Číslo - Nr. - No.: RT - E/4/17/2005

Výsledky - Ergebnisse - Results

Adv/Inerre Befund/Errors:

Aa-Pretiahnuté pórv/Schlauchpre/Wom hole

Hodnotenie/Bewertung/Evaluation:

Skúšaľ/Prufer/Examiner: Dátum/Datum/Date: 28.

Číslo - Nr. - No.: RT - E/4/16/2005

Výsledky - Ergebnisse - Results

F-vraby(zápaly)/Einbrandkerben/UndercutsV-Vyhovuje/Erfüllt/Fulfilled
Skúšal/Prufer/Examiner: Dá

N-Newyhovuje/Nicht erfüllt/Non Fulfilled
2.5.2005 C.

Za Dolným Masom 71
040 16 KOŠICE - MYSLÁVA
tel.: 0905 602 812

Číslo - Nr. - No.: RT - E/4/15/2005

Výsledky - Ergebnisse - Results

Vady/Inerre Befund/Errors:

Aa-Pórv/Poren/Gas pore

Aa-Pretiahnuté póny/Schlauchpre/Worm hole

Ba-Vrúseniny/nicht cscharfk Schlackeneinchluss/slag inolusion

Hodnotenie/Bewertung/Evaluation:

Miesto/Ort/Location: Košice

C-studený spoj/Binderfehler/Lack of fusion
D-Neprievay/Wurzelfehler/Lack of penetration
E-trhlina/Ris/Crack

Ea-Pozdĺžna trhĺina/Laungsriss/Longi
Eb-Priečna trhĺina/Quenriss/Transverse crack
Ec-Kráterová trhĺina/Endkraterriß/Crater crack

F-vrubby(zápaly)/Einbrandkerben/Undercuts

NAGUAL S.r.l.

Ze Dolným Mlynom 71

040 16 KOŠIDLO MYSLAV

tel.: 0905402 912

Číslo - Nr. - No.: RT - E/4/10/2005

Výsledky - Ergebnisse - Results

NAGUAL s.r.o.
Za Dolným Mlynom 71
40 16 KOŠICE - MYSLAVA
tel.: 090 1602 812

Číslo - Nr. - No.: RT - E/4/9/2005

Výsledky - Ergebnisse - Results

F-vrubby(zápaly)/Einbrandkerben/Undercuts

NAGUAL s.r.o.
Za Dolným Mlynom 71
040 16 KOSICE - MYSLAVA
tel.: 0905 602 812

Číslo - Nr. - No.: RT - E/4/13/2005

Výsledky - Ergebnisse - Results

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Za Dolným Mlynom 71
040 16 KOSICA - MYSLAVA
tel.: 0905 602 812

Protokol - Nachweis - Test report Skúška prežiarením - Durchstrahlungsprüfung - Radiographic Test

Číslo - Nr. - No.: RT - E/4/1/2005

| | | | |
|---|----------------|---|----------------|
| Č. Zákazky - Auftrags Nr. - Order No: | CMP ARLES 783 | Č. Výkresu - Zeichnungs Nr. - Drawing No.: | 01 |
| Dielec - Teil Nr. - Segment: | ANCHORS STRAPS | Materiál - Werkstoff - Material: | 304L |
| Prevedenie skúšky - Prüfungsweisung - Test instruction: | EN 1435 | Hodnotenie/Klasifikačný stupeň - Anforderungsstufe/Prüfgruppe - | STN EN 13480-5 |
| Zdroj röntgenového žiarenia - Röntgenrohre - X-ray | IR 192 | Acceptance level/Test group: B | |
| Mierka - Bildguteprüfkorper - IQI | EN FE 10 | Rozmer ohniska - Grose Brannfleck - Focus size: | 2X1,4mm |

Výsledky - Ergebnisse - Results

| Položka Position | Číslo Snimky Film Nr. | Hrúbka Dicke Thickness (mm) | KV/ma | Film/trieda filmu Film/sorte Film/type | Rozmer filmu Filmabmessung Size of film (cm) | Folia Folien Screens | Exp. Čas Belichtungszeit Exposure time (min) | Ohn. Vzd. FFA FFD (mm) | Č. Zvárača Schweiser nr. Welder No. | BZ Bildgute Image quality | Vady Innerer Befund Errors | Hodnotenie Bewertung Evaluation |
|---------------------|-----------------------------|--------------------------------------|-------|--|---|----------------------------|---|---------------------------------|---|------------------------------------|----------------------------------|---------------------------------------|
| | | | | | | | | | | | | V N |
| 1 | J15 | 10 mm | 17CI | AGFA D7 | 10X24 | PB | 9 | 700 | W3,W12 | 15 | | X |
| 2 | J15 | 10mm | 17CI | AGFA D7 | 10X24 | PB | 9 | 700 | W3,W12 | 15 | | X |
| 3 | J15 | 10mm | 17CI | AGFA D7 | 10X24 | PB | 9 | 700 | W3,W12 | 15 | | X |
| 4 | J15 | 10mm | 17CI | AGFA D7 | 10X24 | PB | 9 | 700 | W3,W12 | 15 | | X |
| 5 | J15 | 10mm | 17CI | AGFA D7 | 10X24 | PB | 9 | 700 | W3,W12 | 15 | | X |
| 6 | J15 | 10mm | 17CI | AGFA D7 | 10X24 | PB | 9 | 700 | W3,W12 | 15 | | X |
| 7 | J15 | 10mm | 17CI | AGFA D7 | 10X24 | PB | 9 | 700 | W3,W12 | 15 | | X |
| 8 | J15 | 10mm | 17CI | AGFA D7 | 10X24 | PB | 9 | 700 | W3,W12 | 15 | | X |
| 9 | J15 | 10mm | 17CI | AGFA D7 | 10X24 | PB | 9 | 700 | W3,W12 | 15 | | X |
| 10 | J15 | 10mm | 17CI | AGFA D7 | 10X24 | PB | 9 | 700 | W3,W12 | 15 | | X |
| 11 | J15 | 10mm | 17CI | AGFA D7 | 10X24 | PB | 9 | 700 | W3,W12 | 15 | | X |
| 12 | J15 | 10mm | 17CI | AGFA D7 | 10X24 | PB | 9 | 700 | W3,W12 | 15 | | X |
| 13 | J15 | 10mm | 17CI | AGFA D7 | 10X24 | PB | 9 | 700 | W3,W12 | 15 | | X |
| 14 | J15 | 10mm | 17CI | AGFA D7 | 10X24 | PB | 9 | 700 | W3,W12 | 15 | | X |
| 15 | J15 | 10mm | 17CI | AGFA D7 | 10X24 | PB | 9 | 700 | W3,W12 | 15 | | X |
| 16 | J15 | 10mm | 17CI | AGFA D7 | 10X24 | PB | 9 | 700 | W3,W12 | 15 | | X |
| 17 | J15 | 10mm | 17CI | AGFA D7 | 10X24 | PB | 9 | 700 | W3,W12 | 15 | | X |
| 18 | J15 | 10mm | 17CI | AGFA D7 | 10X24 | PB | 9 | 700 | W3,W12 | 15 | | X |
| 19 | J15 | 10mm | 17CI | AGFA D7 | 10X24 | PB | 9 | 700 | W3,W12 | 15 | | X |
| 20 | J15 | 10mm | 17CI | AGFA D7 | 10X24 | PB | 9 | 700 | W3,W12 | 15 | | X |
| 21 | J15 | 10mm | 17CI | AGFA D7 | 10X24 | PB | 9 | 700 | W3,W12 | 15 | | X |
| 22 | J15 | 10mm | 17CI | AGFA D7 | 10X24 | PB | 9 | 700 | W3,W12 | 15 | | X |
| 23 | J15 | 10mm | 17CI | AGFA D7 | 10X24 | PB | 9 | 700 | W3,W12 | 15 | | X |

F-vruby(zápaly)/Einbrandkerben/Undercuts

Ea-Pozdižna trhlna/Laungss/Longi
Eb-Prečna trhlna/Querriß/Transverse crack
Ec-Kráterová trhlna/Endkraterriß/Crater crack

C-studený spoj/Binderfehler/Lack of fusion
D-Neprievay/Wurzelfehler/Lack of penetration
E-trhlna/Riß/Crack

Vady/Inere Befund/Errors:
Aa-Póry/Poren/Gas pore
Aa-Preťahnuté póry/Schlauchpre/Worm hole
Ba-Vtrúseniny/nicht cscharfk Schlackeneinchlus/slag inclusions

Hodnotenie/Bewertung/Evaluation:
Miesto/Ort/Location: Košice

V-Výhovuje/Erffüllt/Fulfilled
Skúšal/Prüfer/Examiner: Dátum/Datum/Date: 28. 2.4.2005

N-Nevyhovuje/Nicht erfüllt/Non Fulfilled
C. Certifikátu/Zertifikats Nr./Certification No. 1 A 181/02 VUJZ

NAGUAL s.r.o.
Za Dolným mlynom 71
040 16 KOŠICE
tel.: 0905 602 812

Číslo - Nr. - No.: RT - E/4/2/2005

| | | | |
|---|----------------|--|----------------|
| Č. Zákazky - Auftrags Nr. - Order No: | CMP ARLES 783 | Č. Výkresu - Zeichnungs Nr. - Drawing No.: | 01 |
| Dielec - Teil Nr. - Segment: | ANCHORS STRAPS | Material - Werkstoff - Material: | 304L |
| Prevedenie skúšky - Prüfungsweisung - Test instruction: | EN 1435 | Hodnotenie/Klasifikačný stupeň - Anforderungsstufe/Prüfgruppe - Acceptance level/Test group: B | STN EN 13480-5 |
| Zdroj röntgenového žiarenia - Röntgenrohre - X-ray | IR 192 | Rozmer ohniska - Grose Brennfrick - Focus size: | 2X1,4mm |
| Mierka - Bildguteprüfkorper - IQI | EN FE 10 | | |

[illegible]

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Za Dolným Mlynom 71
0040 16 KOŠICE - MYSLAV
tel.: 0905 602 812

V-Vyhovuje/Erfüllt/Fulfilled
Skiša/Prafer/Examiner Dátum/Datum/Date: 28.

C Certifikátu/Zertifikats Nr./Certification No. 1 A 181/02 VUZ

~~16 KOSICA - MYSŁA
tel.: 0905 602 812~~

Číslo - Nr. - No.: RT - E/7/47/2005

Výsledky - Ergebnisse - Results

NAGUAL S.r.o.

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040 16 KOŠICE-MYSLAVA
tel.: 0905 602 812

V-yhovujevj/Erfulit/Fulfilled
N-Newyovujevj/Nicht erfulit/Non Fulfilled
27.7.2005 JURAJ ZIGA C. Certifikátu/Zertifikats Nr./Certification No. 1 A 181/02 VUZ

Hodnotenie/Bewertung/Evaluation:
Miesto/Ort/Location: Košice

Číslo - Nr. - No.: RT - E/748/2005

Výsledky - Ergebnisse - Results

[illegible]

C. Certifikátu/Zertifikats Nr./Certification No. 1 A 181/02 VUZ

NAGUAL s.r.o.
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040 16 KOŠICE - MYSLAV
tel.: 0905 602 812

Číslo - Nr. - No.: RT - E7/46/2005

Výsledky - Ergebnisse - Results

| Položka Position Position | Číslo Snímky Film Nr. Film No. | Hrúbka Dicke Thickness (mm) | KV/mA | Film/rieda filmu Film/sorte Film/type | Rozmer filmu Filmabmessung Size of film (cm) | Folia Folien Screens | Exp. čas Belichtungszeit Exposure time (min) | Ohn. Vzd. FFA FFD (mm) | Č. Zvárača Schweiser nr. Welder No. | BZ Bildgute Image quality | Vady Innerer Befund Errors | Hodnotenie Bewertung Evaluation | |
|---------------------------------|---|--------------------------------------|-------|---|---|----------------------------|---|---------------------------------|---|------------------------------------|----------------------------------|---------------------------------------|---|
| | | | | | | | | | | | | V | N |
| 16 D | J11 A B | DN 50 | 28CI | AGFA D7 | 10X24 | PB | 1,5min | 400 | W3 | 15 | | X | |
| 16 R4 | J5 A B | DN 50 | 28CI | AGFA D7 | 10X24 | PB | 1,5min | 400 | W3 | 15 | | X | |
| 16 R3 | J5 A B | DN 50 | 28CI | AGFA D7 | 10X24 | PB | 1,5min | 400 | W3 | 15 | | X | |
| 17 F2L4 | J19 A B C | DN 150 | 28CI | AGFA D7 | 10X24 | PB | 30S | 160 | W3 | 15 | | X | |
| 17 F1L3 | J19 A B C | DN 150 | 28CI | AGFA D7 | 10X24 | PB | 30S | 160 | W3 | 15 | | X | |
| 16 R2 | J6 A B C | DN 80 | 28CI | AGFA D7 | 10X24 | PB | 8S | 80 | W3 | 15 | | X | |
| 16 R1 | J5 A B C | DN 80 | 28CI | AGFA D7 | 10X24 | PB | 8S | 80 | W3 | 15 | | X | |
| 16 R5 | J6 A B C | DN 80 | 28CI | AGFA D7 | 10X24 | PB | 8S | 80 | W3 | 15 | | X | |

Hodnotenie/Bewertung/Evaluation:
Miesto/Ort/Location: Košice

V-Vyhovuje/Erfüllt/Fulfilled
Skúšal/Prüfer/Examiner: Da

N-Newyhovuje/Nicht erfüllt/Non Fulfilled
20.7.2005 JURA J ZIGA C.

C. Certifikátu/Zertifikats Nr./Certification No. 1 A 181/02 VUZ

NAGUAL s.r.o.
Za Dolným Mlynom 71
040 16 KOŠICE-MYSLAVA
tel.: 0905 602 812

Číslo - Nr. - No.: RT - E/7/46/2005

Výsledky - Ergebnisse - Results

NAGUAL S.r.o.
Za Dolným Mlynom 71
040 16 KOŠICE-MYSLAVA
tel.: 0905 402 812

Hodnotenie/Bewertung/Evaluation:
Miesto/Ort/Location: Košice

Protokol - Nachweis - Test report Skúška prežiarením - Durchstrahlungsprüfung - Radiographic Test

Číslo - Nr. - No.: RT - E/7/45/2005

| | | | |
|---|---------------|---|----------------|
| Č. Zákazky - Auftrags Nr. - Order No: | CMP ARLES 783 | Č. Výkresu - Zeichnungs Nr. - Drawing No.: | 103/03 |
| Dielec - Teil Nr. - Segment: | PIPES | Materiál - Werkstoff - Material: | 304L |
| Prevedenie skúšky - Prüfungsweisung - Test instruction: | EN 1435 | Hodnotenie/Klasifikačný stupeň - Anforderungsstufe/Prüfgruppe - | STN EN 13480-5 |
| Zdroj röntgenového žiarenia - Röntgenrohre - X-ray | IR 192 | Acceptance level/Test group: B | |
| Mierka - Bildguteprüfkorper - IQI | EN FE 10 | Rozmer ohniska - Grose Brannfleck - Focus size: | 2X1,4mm |

Výsledky - Ergebnisse - Results

| Položka Position Position | Číslo Snímky Film Nr. Film No. | Hrúbka Dicke Thickness (mm) | KV/mA | Film/trieda filmu Film/sorte Film/type | Rozmer filmu Filmabmessung Size of film (cm) | Folia Folien Screens | Exp. Čas Belichtungszeit Exposure time (min) | Ohn. Vzd. FFA FFD (mm) | Č. Zvárača Schweiser nr. Welder No. | BZ Bildgute Image quality | Vady Innerer Befund Errors | Hodnotenie Bewertung Evaluation | |
|---------------------------------|---|--------------------------------------|-------|--|---|----------------------------|---|---------------------------------|---|------------------------------------|----------------------------------|---------------------------------------|---|
| | | | | | | | | | | | | V | N |
| 16R2 | J22 A B | DN 80 | 35Cl | AGFA D7 | 10X24 | PB | 1,5min | 400 | W92 | 15 | | X | |
| 19G2 | J8 A B | DN 80 | 35Cl | AGFA D7 | 10X24 | PB | 1,5min | 400 | W92 | 15 | | X | |
| 16R2 | J24 A B | DN 50 | 35Cl | AGFA D7 | 10X24 | PB | 1,5min | 400 | W92 | 15 | 2011 | X | |
| 16D | J7 A B | DN 50 | 35Cl | AGFA D7 | 10X24 | PB | 1,5min | 400 | W92 | 15 | | X | |
| 16R1 | J22 A B | DN 80 | 35Cl | AGFA D7 | 10X24 | PB | 1,5min | 400 | W92 | 15 | | X | |
| 116 R4 | J24 A B | DN 80 | 35Cl | AGFA D7 | 10X24 | PB | 1,5min | 400 | W92 | 15 | | X | |
| 116 E1 | J20 A B | DN 80 | 35Cl | AGFA D7 | 10X24 | PB | 1,5min | 400 | W92 | 15 | | X | |
| 116 R5 | J24 A B | DN 80 | 35Cl | AGFA D7 | 10X24 | PB | 1,5min | 400 | W92 | 15 | | X | |
| 116 R6 | J24 A B | DN 80 | 35Cl | AGFA D7 | 10X24 | PB | 1,5min | 400 | W92 | 15 | 2011 | X | |
| 116 E2 | J20 A B | DN 80 | 35Cl | AGFA D7 | 10X24 | PB | 1,5min | 400 | W92 | 15 | | X | |
| 116 G2 | J8 A B | DN 80 | 35Cl | AGFA D7 | 10X24 | PB | 1,5min | 400 | W92 | 15 | | X | |
| 116 R1 | J24 A B | DN 50 | 35Cl | AGFA D7 | 10X24 | PB | 1,5min | 400 | W92 | 15 | | X | |
| 116 R3 | J24 A B | DN 50 | 35Cl | AGFA D7 | 10X24 | PB | 1,5min | 400 | W92 | 15 | | X | |

Hodnotenie/Bewertung/Evaluation:
Miesto/Ort/Location: Košice

Výhovuje/Erfüllt/Fulfilled
Skúša/Prüfer/Examiner: Dátum/Datum/Date: 28.

Nevyhovuje/Nicht erfüllt/Non Fulfilled
12.7.2005 JURAJ ZIGA

C. Certifikátu/Zertifikats Nr./Certification No. 1 A 181/02 VUJZ

NAGUAL s.r.o.
Za Dolným mydlom 71
040 16 KOŠICE-MYSLAVA
tel.: 0903 802 812

Číslo - Nr. - No.: RT - E/8/49/2005

Výsledky - Ergebnisse - Results

Hodnotenie/Bewertung/Evaluation:
Miesto/Ort/Location: Košice

N-Nevyhovuje/Nicht erfüllt/Non Fulfilled
3.8.2005 JURA J ZIGA C.

Newyhovuje/Nicht erfüllt/
3.8.2005 JURAJ ZIGA

NAGUAL s.r.o.
UZ Za Dolným Mlynom 71
040 16 KOŠICE - MYSLAVA
tel.: 0905 602 812