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| Kunde: *Customer:* | Auftrag-Nr.: *Job No.:* | Pos.-Nr.: *Pos.-No.:* | Projekt: *Project:* |
| Zeichnungs-Nr. (Rev.): *Drawing No. (Rev.):* | Fabrik-Nr.: *Serial No.:* | Prüfgegenstand: *Part Designation:* | |

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| **Prüfanweisung (Rev.):** *Exam. Procedure(Rev.):* |  | **Zulässigkeitsgrenzen nach Regelwerk (Ausgabe) / Kundenspez. (Rev.) / Prüfanweisung:** *Acceptance Criteria acc. Construction Code (Edition) / Customer Spec. (Rev.) / Exam. Procedure:* |  |

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| **Grundwerkstoff:** *Base Material***:** |  | | | | | | | | | **Abmessungen (Dicke):** *Dimension (Thickness)***:** | | | | | | | | |  | **RT Technik – Gundtechnik RT Technik – verbesserte Prüftechnik** | | | | | |  | | **Klasse A Klasse B** | |
| **Schweißverfahren gem. DIN EN ISO 4063 / ASME IX:** Welding process acc. to *DIN EN ISO 4063 / ASME IX:* | | | | | |  | | | Schweißnahtgeometrie: *Weld Type:* | | | |  | | | **Schweißnahtdicke:** *Weld Thickness:* |  | | | | **Schweißnahtüberhöhung:** *Weld Reinforcement Thickness:* | | | | |  | | | |
| **Oberflächenzustand:** *Surface Condition:* | |  | **unbehandelt** *unfinished* |  | **gestrahlt** *blasted* | |  | **beschliffen** *grinded* | | |  | **mech. bearbeitet** *machined* | |  |  | | | **Wärmebehandlung:** *Heat Treatment:* | | | |  | **ohne** *without* |  | **vor** *before* | |  | | **nach** *after* |

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| **Strahlenquelle:** *Source of Radiation***:** | |  | **Röntgenröhrentyp** *Type of X-ray Tube* | | |  | | **max. Röhrenspannung:** *max. X-ray Voltage:* | | | | | | **Isotop:** *Isotope:* | |  | **Se 75** |  | **Ir 192** | | |  | **Co 60** | **Aktivität des Strahlenquelle:** *Activity of Isotope:* | | |  | | |
| **Strahlenquelle Serien Nummer:** *Serial No. of Source of Radiation***:** | | | |  | | | | **Art des Brennflecks:** *Type of Source***:** | | | |  | | | **Größe des Brennflecks (d):** *Source Size (F)***:** | | | | |  | | | | **Datum der RT Prüfung:** *RT Examination date:* | | | |  | |
| **Film Hersteller:** *Film Manufacturer***:** |  | | | | **Film Verarbeitung:** *Film Processing***:** | |  | | **manuell** *manual* |  | **automatisch** *automated* | | **Temperatur der Verarbeitungschemikalien:** *Temperature of Processing Chemicals:* | | | | | | | |  | | **Entwicklungszeit:** *Time of Development:* | |  | **Wässerungszeit** *Time of Washing:* | | |  |

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| **Abkürzungen (DIN EN ISO 6520-1)** *Abbreviations (DIN EN ISO 6520-1)* | | | | | | | | | | | |
| **101** | **Längsrisse** *Longitudinal Cracks* | **2012** | **Porosität** *Porosity* | **301** | **Schlackeneinschluß** *Slag Inclusions* | **4012** | **Lagenbindefehler** *Incomplete Interpass Fusion* | **501** | **Einbrandkerbe** *Undercut* | **515** | **Wurzelrückfall** *Root Concavity* |
| **102** | **Querrisse** *Transverse Cracks* | **2013** | **Porennest** *Cluster* | **3011** | **Schlackenzeile** *Slag Line* | **4013** | **Wurzelbindefehler** *Lack of Root Fusion* | **502** | **Nahtüberhöhung** *Weld Reinforcement* | **600** | **Filmfehler** *Film Defect* |
| **104** | **Endkraterriss** *Crater Crack* | **2013** | **Gaskanal** *Elongated Gas Cavity* | **3041** | **Wolframeinschlüsse** *Tungsten Inclusions* | **402** | **ungen. Durchschweißung** *Lack of Penetration* | **504** | **Wurzelüberhöhung** *Internal Protrusion* | **601** | **Zündstelle** *Arc Strike* |
| **2011** | **Pore** *Gas Pore* | **202** | **Lunker** *Shrinkage Cavity* | **4011** | **Flankenbindefehler** [*Lack*](http://dict.leo.org/#/search=lack&searchLoc=0&resultOrder=basic&multiwordShowSingle=on)[*of*](http://dict.leo.org/#/search=of&searchLoc=0&resultOrder=basic&multiwordShowSingle=on)[*Side*](http://dict.leo.org/#/search=side&searchLoc=0&resultOrder=basic&multiwordShowSingle=on)[*Wall*](http://dict.leo.org/#/search=wall&searchLoc=0&resultOrder=basic&multiwordShowSingle=on)[*Fusion*](http://dict.leo.org/#/search=fusion&searchLoc=0&resultOrder=basic&multiwordShowSingle=on) | **4021** | **ungen. Wurzeleinbrand** *Lack of Root Penetration* | **507** | **Kantenversatz** *Misalignment* | **602** | **Schweißspritzer** *Weld Spatter* |

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| **Bemerkung:** *Remarks:* |

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| **Prüfabschnitt:** *Examination Section* | | **Prüfaufbau:** *Examination Setting* | | | | | | | | | | | | **Bildgüteprüfkörper (BKP):**  *Image Quality Indicator (IQI):* | | | | | | **Prüfergebnis:**  Examination Result: | | | |
| **Film Identifikation, Kennzeichnung:** *Film Identification:, Tag* | **Auswertbarer Prüfbereich:** *Examination Area evaluable:* | **Aufnahmeanordnung (Bild) nach DIN EN ISO:** *Exposure Arrangement acc. DIN EN ISO:* | **Aufnahmeanordnung (Bild) nach ASME:** *Exposure Arrangement acc. ASME:* | **Einzel- oder Doppelwandaufnahme:** Single- or Double-Wall Exposure: | **Einzel- oder Doppelwandbetrachtung:** Single- or Double-Wall Viewing | **Filmsystem & Anzahl der Filme je Kassette:** *Film Type / Designation & Number of Films in each Film Holder / Cassette :(e.g. D4 /D5 / D4)* | **Art und Dicke der Vorder- & Hinerfolie:** *Type and Thickness of Cover and Back Screens* | **verwendete Röhrenspannung [kV]:** *used X-ray Voltage [kV]:* | **verwendeter Röhrenstrom [mA]:** *used X-ray Current [mA]:* | **Belichtungszeit:** *Exposure Time:* | **Abstand Strahlenquelle – Film (FFA):** *Distance from Source Side to Film:* | **Abstand Strahlenquelle – Prüfgegenstand (f):** *Source to Object Distance (D):* | **Abstand Oberfläche Prüfgegenstand –Film (b):** *Distance from Source of Object to Film (d):* | **Typ des Bildgüteprüfkörpers (BKP): z.B. W1FE** *Image Quality Indicator (IQI): e.g. Set A* | **Lage des BKP Strahler Seite:** *IQI placement Source Side:* | **Lage des BKP Film nah:** *IQI placement Film Side:* | **Mindest Bildgütezahl (BZ):** *Essential Wire / Hole-Type Designation:* | **Erreichte Bildgütezahl (BZ):** *thinnest Wire seen/ smallest Hole seen:* | **gemessene Optische Dichte (Schwärzung):** *measured Density:* | **Fehlerkurzzeichen** *Defects according* **DIN EN ISO 6520-1** | **Keine oder nicht Relevante Anzeigen:** *No or Not Relevant Indications:* | **Relevante Anzeigen:** *Relevant Indications:* | **Unzulässige Anzeigen:** *Unacceptable Indications:* |
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| **Prüfabschnitt:** *Examination Section* | | **Prüfaufbau:** *Examination Setting* | | | | | | | | | | | | **Bildgüteprüfkörper (BKP):**  *Image Quality Indicator (IQI):* | | | | | | **Prüfergebnis:**  Examination Result: | | | |
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| Anforderungen: *Requirements:* |  | **erfüllt** *acceptable* | |  | **nicht erfüllt** *not acceptable* | |  | **Anlage:** *Attachment:* | | | | | **Filmlageplan:** *Dimensional Map:* |  |
| **Ort** */ Location*: | | | Prüfer *Examiner* | Stufe nach  DIN EN 473 / ISO9712 | |  | | Prüfaufsicht *Examiner Supervisor* | Stufe nach  DIN EN 473 / ISO9712 |  | Genehmigung des Herstellers *Manufactures Approval* | Abnehmer des Kunden *Representative of Customer* | Abnehmer *Inspector* | |
| *Level acc. Written Practice (SNT-TC-1A)* | |  | | *Level acc. Written Practice (SNT-TC-1A)* |  |
| **Unterschrift:** *Signature:* | | |  | | | | |  | | |  |  |  | |
| **Stempel:** *Stamp:* | | |  | | | | |  | | |  |  |  | |
| **Datum:** *Date:* | | |  | | | | |  | | |  |  |  | |