

MAIN LIST OF PRIMIX SOUND PRACTICE WORK

■ General documents

- ☞ Solidworks 3D modeling for all GA drawings
- ☞ Digital documents in all possible common used formats
- ☞ Installation and Operation Manual (IOM)
- ☞ Hazard analysis for PED and ATEX
- ☞ Strength calculations, nozzle load calculations according design code
- ☞ Manufacturing Data Book (MDB), hard copies and CD-ROM
- ☞ Main document languages: English, German, French, Dutch (others on request)

■ Weld documents according design codes

- ☞ Weld Procedure Specifications
- ☞ Procedure Qualification Records
- ☞ Welder Process Qualifications
- ☞ Weld book

■ Common used pressure vessel design codes (not excluding others)

- ☞ AD2000 (German code)
- ☞ ASME BPVC section VIII division 1 (USA code)
- ☞ ASME B31.3 (USA pipe line code)
- ☞ RTOD (Dutch code)
- ☞ EN13445 (EU code)

■ Certifications

- ☞ ISO-9001:2008 certified
- ☞ PED certified up to module H1
- ☞ Particular Material Appraisal documents for non harmonized materials
- ☞ ATEX certification up to Ex II 2DG
- ☞ Manufacturing license of Boiler and Pressure Vessel for People's Republic of China No. R03434
- ☞ CE marking
- ☞ Mill certificates acc. all possible levels
- ☞ Compliance certificates
- ☞ Certificate of origin

■ Examinations with procedures according design codes, including certificate and operator certificates

- ☞ Hydrostatic test (HPT)
- ☞ Radiographic test (RT)
- ☞ Dye Penetrant test (PT)
- ☞ Magnetic Particle test (MT)
- ☞ Positive Material Identification (PMI)
- ☞ Hardness test (HT)
- ☞ Ultrasonic test (UT)
- ☞ Helium leakage test
- ☞ Baseline measurement
- ☞ Ferrite content measurement
- ☞ Adhesion Coat test

■ Treatments according design codes, including certificates, records

- ☞ Post Weld Heat Treatment (PWHT)
- ☞ Shot blasting with glass balls
- ☞ Primer
- ☞ (Multiple layer) coatings and top coat, including coat certificate
- ☞ Fusion bond coating
- ☞ Pickle and passivate
- ☞ Environmental friendly ultrasonic cleaning process
- ☞ Oxygen cleaning

■ Independent (third party) inspections

- ☞ Primix final control
- ☞ Customer inspection
- ☞ Third party inspection, TÜV, Lloyd's Register, Germanischer Lloyd's, Stoomwezen