QUALITY CONTROL PROCESS FOR FABRICATION IN ASME SEC.III

REVIEW OF DESIGN SPECIFICATION
- Verify of code REQ.
- Verify of RPE certify

ISSUING OF DESIGN REPORT
- RPE Certify
- Issuing & approved by owner

REFLECTION OF DESIGN SPEC. REQUIREMENT
- Reflection to related DOC.

(Procurement, Fabrication, Inspection)

ISSUING OF F/R
- Applicable QA program
- Applicable code & adition

DWG
- Reviewed by QA DEPT.

ISSUING OF MPR

CUTTING PLAN

RECEPTION OF RICR

ISSUING OF MPS
- Scope of purchase
- Technical requirement
- Requirement for QA system

SELECTION OF VENDER
- Evaluation of supply record
- Evaluation of survey

APPROVED VENDER

ISSUING OF PURCHASE ORDER
- Reviewed by QA DEPT.

SIR (IF APPLICABLE)

ISSUING OF RICR
- Review of CMTR
- Distribution for released DEPT.

ISSUING OF MATERIAL

APPLICABLE DOC.

DWG.

QUALITY PLAN / TRAVELLER

FABRICATION
- Using of approved DOC.
- Using of controlled EQUIP.
- Qualified wedler

WPS
PQR
WELDING MAP
WMCL
WMIC

INSPECTION IN FABRICATION PROCESS
- Using of approved DOC.
- Qualified inspector(NDE…)
- Measurement calibration
- Preparation of inspection report

FINAL INSPECTION

HYDROSTATIC TEST
- Calibration of pressure gauge

DATA PACKAGE REVIEW

CLEANING

PREPARATION OF QVDL

PREPARATION OF C OF C

PAINTING

QUALITY RELEASE (BY OWNER)

DATA REPORT (BY ANI)

PACKING

SHIPPING

※ CORRECTIVE ACTION
※ NON CONFORMANCE
※ INTERNAL AUDIT