

TRACEABILITY MARKING OF LVL 1 AND/OR SUBSAFE
CAT 1 ASSEMBLIES

THE MAJOR LEVEL 1 AND/OR SUBSAFE PART OF EACH ASSEMBLY SHALL BE MARKED WITH A UNIQUE IDENTIFIER TRACEABLE TO BOTH THE LOT OF MAJOR LEVEL 1 AND/OR SUBSAFE PARTS AND THE LOT OF ASSEMBLIES. EACH MAJOR LEVEL 1 AND/OR SUBSAFE ASSEMBLY REQUIRING TEST REPORTS SHALL BE MARKED WITH A UNIQUE IDENTIFIER TRACEABLE TO ALL LEVEL 1 AND/OR SUBSAFE MATERIAL REQUIRING TEST REPORTS IN THE ASSEMBLY. THE UNIQUE IDENTIFIER SHALL CONSIST OF THE PURCHASE ORDER NUMBER, A DASH, THE LINE ITEM NUMBER, ANOTHER DASH AND A SERIALIZED UNIT NUMBER. FOR EXAMPLE: PPW102-010-1-12.

NOTE: THE TOTAL NUMBER OF CHARACTERS FOR THE UNIQUE SERIAL NUMBER, INCLUDING THE SPECIFIED DASHES, SHALL NOT EXCEED 22 CHARACTERS.

THE TEST REPORTS FOR THE MAJOR LEVEL 1 AND/OR SUBSAFE PIECE PARTS OF EACH ASSEMBLY SHALL BE MARKED WITH THE UNIQUE IDENTIFIER TO WHICH THEY ARE APPLICABLE. THOSE TEST REPORTS WHICH REPORT MORE THAN ONE HEAT TREATMENT LOT LOAD MUST IDENTIFY THE UNIQUE IDENTIFIER TO THE SPECIFIC HEAT AND LOAD THAT IT IS APPLICABLE TO.

FOR MARKING OF THE MAJOR LEVEL 1 OR SUBSAFE PART OF PRESSURE CONTAINING ASSEMBLIES, A HOMOGENEOUS LOT OF ASSEMBLIES SHALL CONSIST OF ASSEMBLIES OF THE SAME NOMINAL SIZE, TYPE AND STYLE. THE MAJOR LEVEL 1 AND/OR SUBSAFE PART OF EACH ASSEMBLY SHALL BE FROM ONE HEAT OF MATERIAL AND SHALL BE HEAT TREATED IN THE SAME BATCH OR BY A CONTINUOUS PROCESS UNDER THE SAME CONDITIONS. HEAT TREATED CONDITIONS SHALL INCLUDE ANNEALED, AGE-HARDENED, ANNEALED AND AGE-HARDENED, NORMALIZED AND TEMPERED, AND QUENCHED AND TEMPERED.

WHEN A CONFLICT EXISTS BETWEEN THE LOT DEFINITION GIVEN HEREIN FOR MARKING AND THE LOT DEFINITION IN THE ASSEMBLY SPECIFICATION, THE LOT DEFINITION HEREIN SHALL TAKE PRECEDENCE FOR MARKING OF THE MAJOR LEVEL 1 AND/OR SUBSAFE PART IN EACH ASSEMBLY.