

ASME SECTION XI APPENDIX VIII KITS

ASME BOILER & PRESSURE VESSEL CODE, SECTION XI, APPENDIX VIII, SUPPLEMENTS 2, 3 & 10 KITS

#S2-K1

SUPPLEMENT 2 KIT FOR
AUSTENITIC PIPING
360 lbs

PIPE SPECIMEN DIMENSIONS	UNFLAWED UNITS	FLAWED UNITS
2" SCH80 X 24" 360°	1	1
4" SCH80 X 24" 360°	3	1
6" SCH160 X 24" 360°	4	2
12" SCH80s X 24" 360°	9	3
24" SCH80s X 24" 120°	5	3
KIT TOTAL - 5 SPECIMENS	22	10

#S3-K1

SUPPLEMENT 3 KIT FOR
FERRITIC PIPING
350 lbs

PIPE SPECIMEN DIMENSIONS	UNFLAWED UNITS	FLAWED UNITS
2" SCH80 X 24" 360°	1	1
4" SCH80 X 24" 360°	3	1
6" SCH160 X 24" 360°	4	2
12" SCH80s X 24" 360°	9	3
24" SCH80s X 24" 120°	5	3
KIT TOTAL - 5 SPECIMENS	22	10

#S10-K1

SUPPLEMENT 10 KIT FOR
DISSIMILAR METAL WELDS
340 lbs

PIPE SPECIMEN DIMENSIONS	UNFLAWED UNITS	FLAWED UNITS
4" SCH80 X 24" 360°	1	2
6" SCH160 X 24" 360°	3	2
8" SCH80 X 24" 360°	4	3
12" SCH80s X 24" 180°	9	4
24" SCH80s X 24" 90°	5	4
KIT TOTAL - 5 SPECIMENS	22	15

KIT AND FLAW DETAILS:

- The kits are manufactured to meet the minimum requirements of ASME, boiler & pressure code, Section XI, Appendix VIII, of Supplements 2, 3 & 10
- At least 50% of the cracks will be coincident with fabricated conditions such as: ground & AS-welded crowns, counterbores & weld root conditions.
- Flaw depths will range from the 10-30% through the 61 - 100% depth ranges as in ASME section XI, appendix VIII.
- All the flaws will be mechanical fatigue or thermal fatigue cracks, with at least 75% of the cracks being thermal fatigue.
- Kits made to our critical tolerance $\pm 0.040"$ (1MM).
- Custom appendix VIII specimens are available.
- Contact FlawTech for more details.

