

**Appendix K:**  
**Repair Option Criteria Table**

Weld Fix Comparison	Weld Type Application	On-weld Quality	Off-weld Quality	Longevity	Ease of Installation	Individual Inspection	Service-ability	Cost	Labor (man-hrs)
Weld Repair	H: also applies to Hard to reach welds								
Spool Weld Replacement	Straight, Drain, Vent	excellent	excellent	excellent	very poor	no	very good	very poor	8
Whole Weld Replacement	Straight, Elbow	excellent	poor	excellent	very poor	no	very good	poor	5
Whole Weld Replacement (Goose)	Goose	excellent	poor	excellent	good	no	very good	good	3
80% Wall Weld Replacement	Straight, Elbow	very good	poor	very good	poor	no	good	poor	4
Local Grind 80% (Straight or Goose)	H, Straight, Vent, Drain, Goose, Elbow	very good	poor	very good	very good	yes	good	very good	0.5
Overlay Weld (Goose)	H, Goose, Vent, Drain	excellent	poor	very good	very good	no	good	very good	1
Overlay Weld (Straight)	H, Straight, Elbow	excellent	poor	very good	very good	no	good	very good	1.5
Leak Seal									
Epoxy/Fiber Wrap	H, Straight	poor	poor	poor	good	no	very poor	very good	0.8
Repair Clamp	H, Straight	excellent	excellent	poor	excellent	no	excellent	excellent	0.2