

GRIPSAFE'ST

Outboard Retraction Blocking Isolation & Test Plug (ORB)









CASE STUDY: INTERNATIONAL EPC WELD TESTING PROJECT STRATEGY + SOLUTION

PROSPECTIVE EPC CUSTOMER CHALLENGE

- + EPC required 6240 weld tests, covering over 15,000 meters of pipe (approx. 50,000 feet)
- + EPC company needed a cost saving strategy that could be implemented quickly for testing the welds
- + EPC was late on delivering results with considerable cost overruns

EPC COURSE OF ACTION

- + USA Industries'
 associates traveled to job
 site along with competitive
 pipe test plug manufacturers
 to give a field demonstration
 of their new technology pipe
 plug GripSafe ST
- + Company's Sr. Design Engineer and Commercial Team Manager provided hands-on training session emphasizing the plugs patented technology benefits and taught proper installation and removal procedures to field engineers, inspectors and managers



SOLUTION: BENEFITS & VALUE

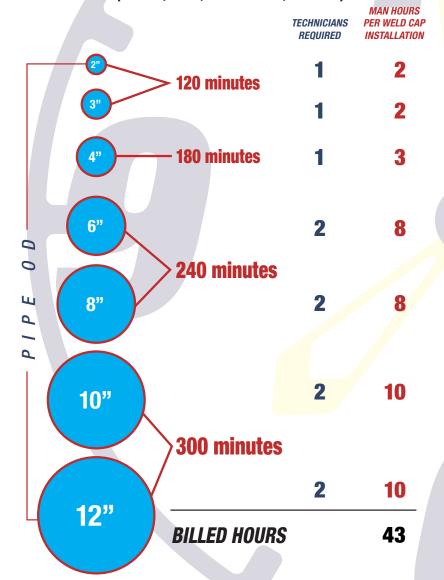
- + USA Industries GripSafe
 ST plug was selected as
 the plug of choice over
 competitive products
- + GripSafe ST offered a 93% time savings over the conventional testing methods of welding on and cutting off pipe end caps, and pipe beveling
- + GripSafe ST ORB plug has instant security feature with a patented independent wedge actuation system
- + GripSafe ST did not scar pipe ID, unlike known issue of competitor products, saving EPC money, material, time and labor costs associated with pipe cut-offs or drops



IN THE AMOUNT OF TIME IT WILL TAKE TO ...

WELD ONE END CAP*

(WELD, CUT, RE-BEVEL, CLEAN)



you can install **THIS MANY**

GRIPSAFE®ST PLUGS

10 minutes / plug = 12 GripSafe ST Plugs	TECHNICIANS REQUIRED	MAN HOURS PER PLUG INSTALLATION
	1	.17
10 minutes / plug = 18 GripSafe ST Plugs	1	.17
	1	.17
	1	.25
15 minutes / plug = 16 GripSafe ST Plugs	1	.25
	2	.67
20 minutes / plug = 15 GripSafe ST Plugs		
	2	.67
		2.35