



SINGLE HOLE FLOW STOPPING EQUIPMENT

- QUALIFIES FOR ADDITIONAL REVENUE OPPORTUNITIES UNDER RIIO
- SAVES OVER 1/3 ON EXCAVATION WORKS
- ENVIRONMENTAL BENEFITS
- DELIVERS SAFETY BENEFITS
- A NATURAL EXTENSION TO THE WASK RANGE



FROM MAINS TO METER

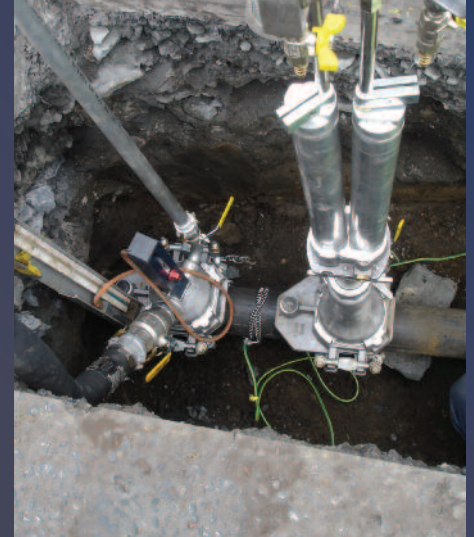
SINGLE HOLE FLOW STOPPING EQUIPMENT

NEW WASK EQUIPMENT PROVIDES BENEFITS ALIGNED WITH RIO OBJECTIVES.

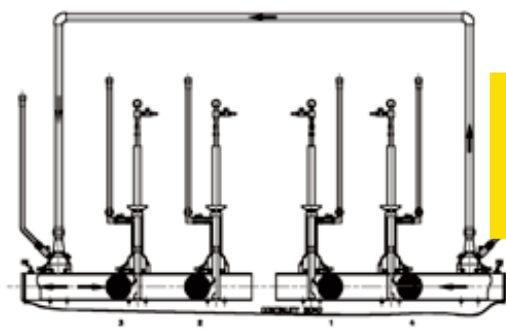
RIIO is a mandatory framework established by the regulator (OFGEM) which will drive gas industry changes over the next 8 years.

Benefits of Single Hole Flow Stopping

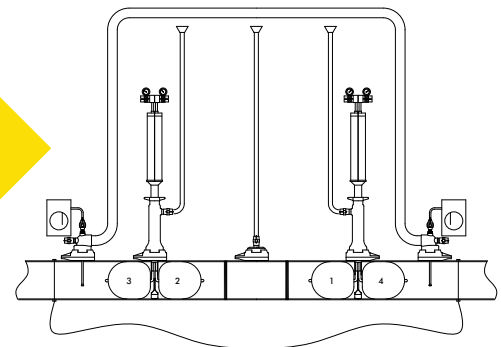
- Qualifies for Gas companies to earn additional revenue under RIIO
- Saves over 1/3 of current excavation works.
- Delivers environmental benefits – less excavation, less waste to landfill, less backfill material.
- Delivers safety benefits – less chance of cable strikes.
- A natural extension to the WASK range and works with existing WASK Teeset bases and ancillary equipment in the field.



TYPICAL SET UP AND NEW 2 BAG DEPLOYMENT SYSTEM

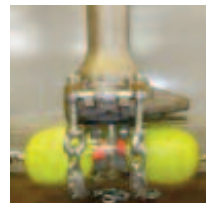


2 bags through a single hole reduces entry points by 50% & significantly reduces size of excavation



TYPICAL FLOW STOPPING SYSTEM WITH BYPASS

TWO-BAG DEPLOYMENT



In addition to cost savings, single hole bagging has environmental (less excavation/waste to landfill/backfill material) and safety benefits (less excavation = less chance of cable strikes to operatives)

FOLLOWING EXTENSIVE FIELD TRIALS THE SYSTEM IS NOW FULLY APPROVED FOR USE ON THE GAS NETWORK

PARTS LIST



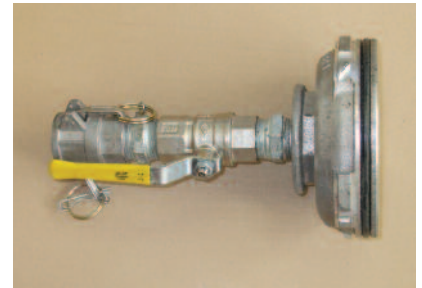
BAG CANOPY - EA0356



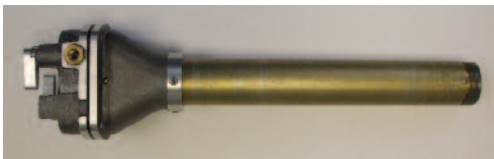
CONTROL HEAD
RH - EA0362



CONTROL HEAD
LH - EA0370



VENT HEAD - EA0363



VALVE BODY - EA0360



4" BAG
AC0317



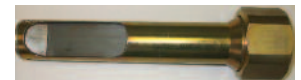
6" BAG
AC0318



8" BAG
AC0319



4" NOSE - EA0357



6" NOSE - EA0358



8" NOSE - EA0359



41 A/F SPANNER - JC0926



16 A/F SPANNER - JC0527



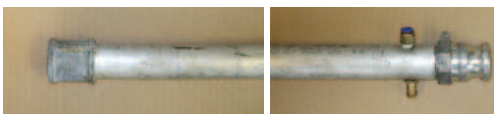
FLAME
TRAP
EA0261



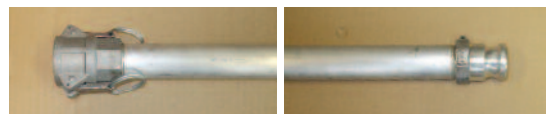
LAUNCH HANDLE - EA0361



SPATULA - EA0365



UPPER VENT TUBE - EA0259



LOWER VENT TUBE - EA0258



5 A/F HEX - JC0408



UPPER BAG TUBE - EA0361

METHOD OF WORKING

STATION POSITIONS

STATION NO. 1: UPSTREAM BYPASS

STATION NO. 2: UPSTREAM PRIMARY
UPSTREAM SECONDARY

STATION NO. 3: DOWNSTREAM SECONDARY
DOWNSTREAM PRIMARY

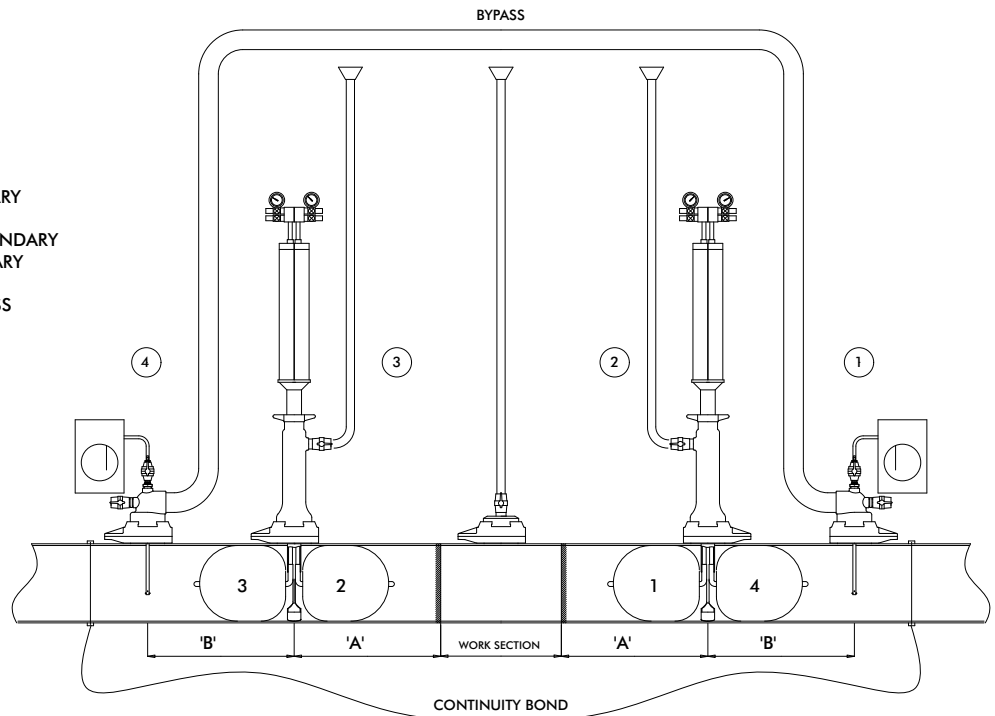
STATION NO. 4: DOWNSTREAM BYPASS

BAG INSERTION SEQUENCE:

1. BAG 1
2. BAG 2
3. BAG 3
4. BAG 4

BAG REMOVAL SEQUENCE:

1. BAG 1
2. BAG 2
3. BAG 3
4. BAG 4



PIPE SIZE		DIM 'A'		DIM 'B'		TAPPING SIZE	MAX MAINS PRESSURE		BAG INFLATION PRESSURE	
INS	MM	INS	MM	INS	MM	BSP	PSI	MBAR	PSI	MBAR
4	100	16	400	16	400	1 ¼"	5	350	10	700
6	150	18	450	18	450	1 ½"	4	300	8	600
8	200	20	500	20	500	2"	4	300	8	600



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