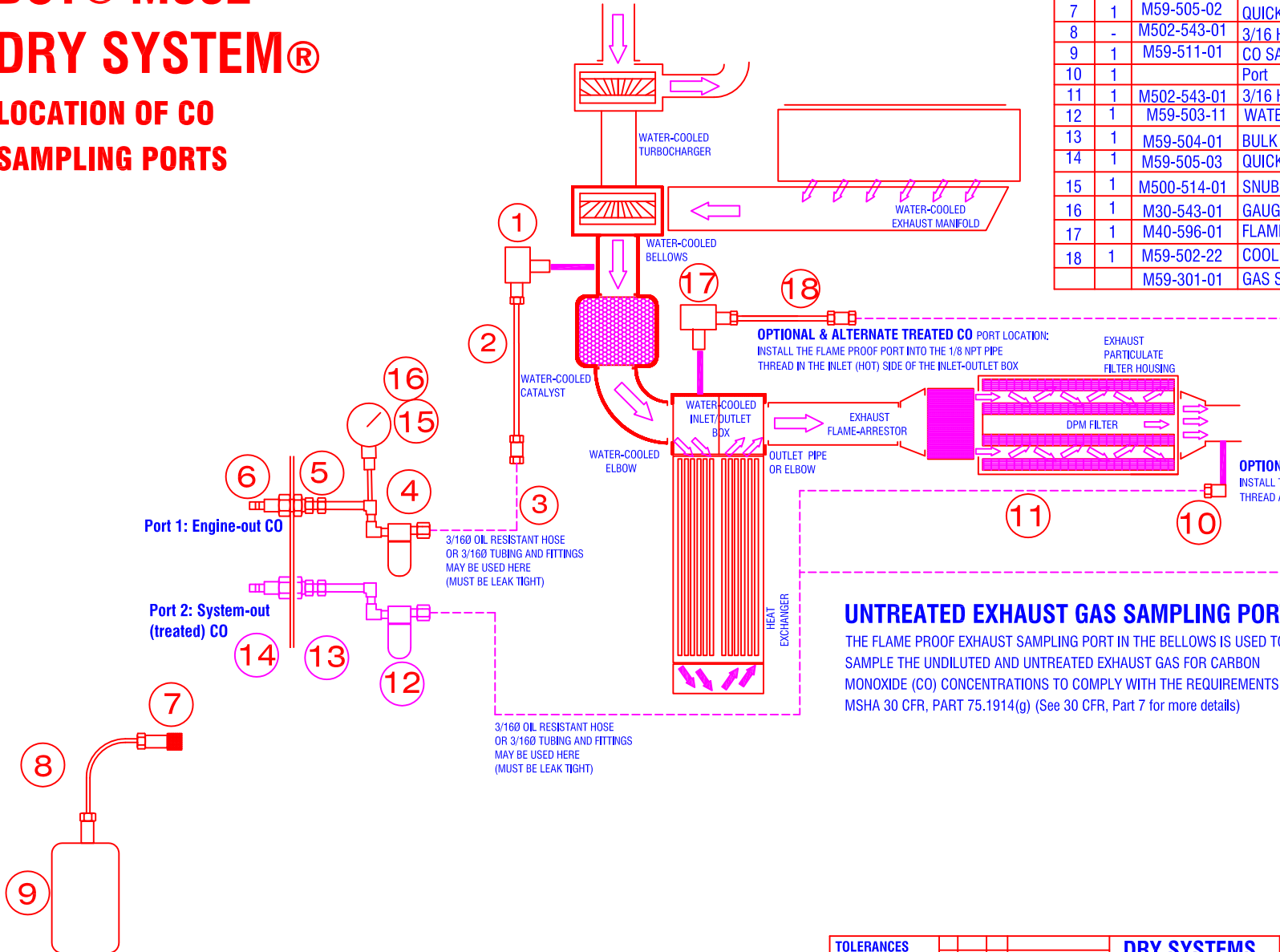


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# DST® M332 DRY SYSTEM®

## LOCATION OF CO SAMPLING PORTS



ITEM	QTY	PART NO	DESCRIPTION	NOTES
1	1	M40-596-01	FLAMEPROOF PORT	
2	1	M59-502-22	COOLING TUBE WITH FITTINGS	
3	-	M502-543-01	3/16" HOSE	SPECIFY LENGTH
4	1	M59-503-11	WATER SEPARATOR/SOOT FILTER	
4-A	1	M59-503-02	INSERT FOR SOOT FILTER	REPLACEMENT PART
5	1	M59-504-01	BULK HEAD CONNECTOR	
6	1	M59-505-03	QUICK CONNECTOR (MALE)	
7	1	M59-505-02	QUICK CONNECTOR (FEMALE)	24 inch long
8	-	M502-543-01	3/16 HOSE	SPECIFY LENGTH
9	1	M59-511-01	CO SAMPLING INSTRUMENT	SEE OPTIONS
10	1		Port	
11	1	M502-543-01	3/16 HOSE	SPECIFY LENGTH
12	1	M59-503-11	WATER SEPARATOR/SOOT FILTER	
13	1	M59-504-01	BULK HEAD CONNECTOR	
14	1	M59-505-03	QUICK CONNECTOR (MALE)	
15	1	M500-514-01	SNUBBER	
16	1	M30-543-01	GAUGE, EXHAUST BACKPRESSURE	
17	1	M40-596-01	FLAMEPROOF PORT	
18	1	M59-502-22	COOLING TUBE WITH FITTINGS	
		M59-301-01	GAS SAMPLING KIT INCLUDES ITEMS 2,4,5,6,7	

**OPTIONAL & ALTERNATE TREATED CO PORT LOCATION:**  
INSTALL THE FLAME PROOF PORT INTO THE 1/8 NPT PIPE THREAD IN THE INLET (HOT) SIDE OF THE INLET-OUTLET BOX

**OPTIONAL TREATED CO PORT LOCATION:**  
INSTALL THE FITTING INTO A 1/8 NPT PIPE THREAD AT THE OUTLET OF THE FILTER HOUSING

**UNTREATED EXHAUST GAS SAMPLING PORT**  
THE FLAME PROOF EXHAUST SAMPLING PORT IN THE BELLOWS IS USED TO SAMPLE THE UNDILUTED AND UNTREATED EXHAUST GAS FOR CARBON MONOXIDE (CO) CONCENTRATIONS TO COMPLY WITH THE REQUIREMENTS OF MSHA 30 CFR, PART 75.1914(g) (See 30 CFR, Part 7 for more details)

Port 1: Engine-out CO

Port 2: System-out (treated) CO

3/16" OIL RESISTANT HOSE OR 3/16" TUBING AND FITTINGS MAY BE USED HERE (MUST BE LEAK TIGHT)

3/16" OIL RESISTANT HOSE OR 3/16" TUBING AND FITTINGS MAY BE USED HERE (MUST BE LEAK TIGHT)

<b>TOLERANCES</b> Linear unless noted Machined: ±0.005 Fabricated: ±0.01 Angular: ±1/2° Surface finish 125	REV	DATE	NAME	DESCRIPTION	<b>DRY SYSTEMS TECHNOLOGIES</b> 10420 RISING COURT WOODRIDGE, IL 60517 Phone: 630-427-2051 Fax: 630-427-1036 E-Mail: eng@drysystechnology.com	<b>DESCRIPTION</b> <b>CO MONITORING PORTS</b>		NO. REVD	
	SCALE	DATE	DRAWN BY	APPROVED BY					
	FULL	Aug 9, 2012	R Gibbs						
	DRAWING NO		<b>M332-006-11</b>						