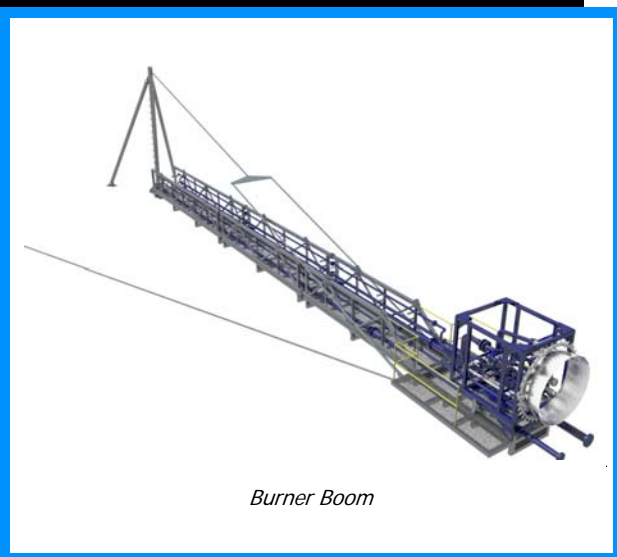


BURNER BOOM



During an offshore well testing operation, TETRA's burners efficiently combust oil products at the surface in order to avoid oil storage and minimize pollution problems. Burners are installed on 13.7- to 27.4-meter (45- to 90-foot) long booms to limit the heat radiation to the offshore installation and keep flares at a safe distance.

Each boom has a walkway to its burner. Boom plumbing includes an air line for efficient combustion, a water line for minimizing heat radiating towards the installation, a relief line from pressure relief valves on various testing equipment and a flare line. The boom is mounted on the rig with base plate guy lines and the king post. Horizontal guy lines are used to orient the boom, and vertical guy lines are fixed to the structure of the rig (king post) to support the boom.

TETRA PRODUCTION TESTING SERVICES

TECHNICAL SPECIFICATION

Working Pressures:	9.65 MPa (1,400 psi)
Working Temperature Range:	150°C (300°F)
Number of Heads:	1-4
Service:	H ₂ S
Standard:	NACE MR0175
Code:	ASME B31.3
Connections:	
Oil Inlet (Female):	8-centimeters (3-inch)—602
Gas Inlet (Female):	5- or 8-centimeters (2- or 3-inch)—602
Water Inlet (Female):	8-centimeters (3-inch)—602
Air Inlet (Female):	8-centimeters (3-inch)—602
Relief Line Outlet (Female):	8-centimeters (3-inch)—602
Capacities:	
Gas:	2.83 MMm ³ (100 MMscf) per day
Liquid:	636 m ³ (4,000 barrels) per day/per head
Water Shield Capacity:	2,385 m ³ (15,000 barrels) per day
Water Shield Pressure:	1,034 kPa (150 psi)
Burner Dimensions (L x W x H):	
Head:	2.1 x 1.5 x 1.2 meters (7 x 5 x 4 feet)
Boom:	13.7 to 27.4 x 0.91 x 1.2 meters (45 to 90 x 3 x 4 feet)
Weight Range (Head and Boom):	2,268 to 4,082 kilograms (5,000 to 9,000 pounds)
Heat Radiation:	7,382 kJ per m ² at 30 meters (650 Btu per ft ² at 100 feet)
Noise:	90 dba at 100 feet
Special Features:	Automatic Ignition System