

OBJECTIVE

The objective of this document is to present an Operation and Maintenance Manual for the Ø80 Hot Stab Program delivered by Blue Logic AS. All relevant aspects with regards to safe and correct use, installation, operation, maintenance and storage are covered.

ABSTRACT

The Blue Logic Ø80 Type 4 Hot Stab program is a High Flow Hot Stab system designed according to API 17H 3rd edition Type 4, for operation by use of ROV. The system consists of Male Hot Stabs, Receptacles and related equipment and components.

For full program overview and further technical details, please visit:

<http://e-sea.bluelogic.no/main.aspx>

REVISION CHANGE/RECORD

REV	REASON FOR REVISION/ DESCRIPTION OF CHANGES
01	Document initiated, Prepared and Issued as general information
02	Updated with several options
03	Added options
04	Added manometer & Check Valve
05	Update
06	Removed test panel, added lock and dual entry
07	Update according to API 17H 3rd edition
08	Added BC1047 Ø80 SP Press Stab 10k Long-term J-Lock with Bleed Off Function
09	Added instructions for seal replacement tool, section 5.2

2. TECHNICAL DESCRIPTION

This section provides general technical details for all main components within the Ø80 Hot Stab program. For detailed information of specific products reference is made to drawings in APPENDIX 1

2.1. DESIGN AND TEST

The Blue Logic Hot Stab program is designed, calculated, tested and documented in accordance with API6A(ISO10423) and API 17H. All Hot Stab equipment is hydrostatic pressure tested to 1.5 x Design Pressure accordingly. Optional gas test upon customer's request.

2.2. TECHNICAL PERFORMANCE

The Blue Logic Ø80 Hot Stabs are Based on API 17H 3rd edition Type 4. They can be delivered in different types and configuration. Hot Stabs for Permanent use, ROV use, and different pressure ratings. What is important to consider when selecting a Hot Stab is the flow capacity. As the flow increase you will experience pressure loss over the connection. This means that you will have less pressure available to do the hydraulic job.

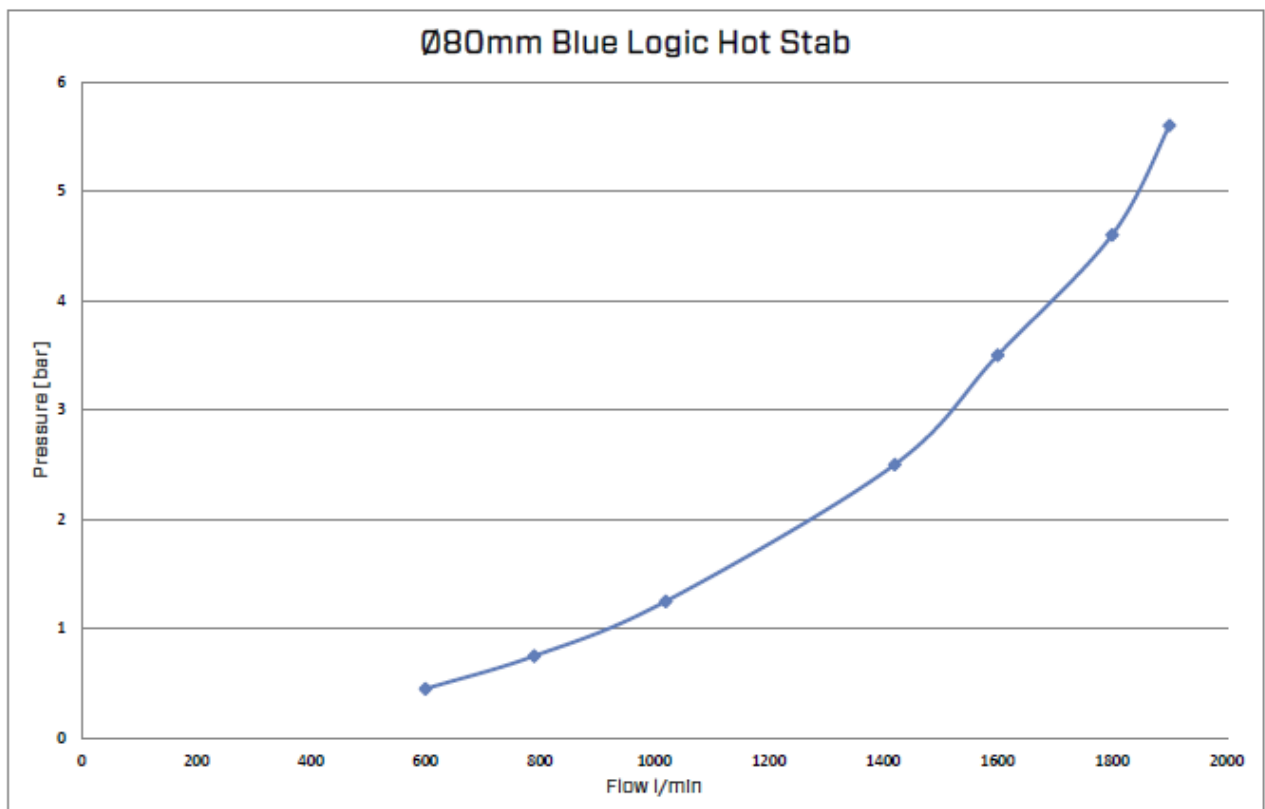


Figure 1 Typical Pressure vs Flow diagram Ø80 Hot Stab

