

## EMERGENCY OXYGEN KIT DEMAND VALVE TEST RESULTS

Perform a pressure test on each emergency oxygen kit demand valve. Record results below. Retain test results at the diving unit for three (3) years.

### PRESSURE VALVE TEST #1

OXYGEN KIT #	DIVING UNIT NAME	TEST DATE	
DEMAND VALVE MANUFACTURER		DEMAND VALVE SERIAL NUMBER	
PERSON PERFORMING PRESSURE TEST		TEST GAUGE READING	<input type="checkbox"/> PASSED
UNIT DIVING SUPERVISOR		____ mmHg	<input type="checkbox"/> FAILED

### PRESSURE VALVE TEST #2

OXYGEN KIT #	DIVING UNIT NAME	TEST DATE	
DEMAND VALVE MANUFACTURER		DEMAND VALVE SERIAL NUMBER	
PERSON PERFORMING PRESSURE TEST		TEST GAUGE READING	<input type="checkbox"/> PASSED
UNIT DIVING SUPERVISOR		____ mmHg	<input type="checkbox"/> FAILED

### PRESSURE VALVE TEST #3

OXYGEN KIT #	DIVING UNIT NAME	TEST DATE	
DEMAND VALVE MANUFACTURER		DEMAND VALVE SERIAL NUMBER	
PERSON PERFORMING PRESSURE TEST		TEST GAUGE READING	<input type="checkbox"/> PASSED
UNIT DIVING SUPERVISOR		____ mmHg	<input type="checkbox"/> FAILED

### PRESSURE VALVE TEST #4

OXYGEN KIT #	DIVING UNIT NAME	TEST DATE	
DEMAND VALVE MANUFACTURER		DEMAND VALVE SERIAL NUMBER	
PERSON PERFORMING PRESSURE TEST		TEST GAUGE READING	<input type="checkbox"/> PASSED
UNIT DIVING SUPERVISOR		____ mmHg	<input type="checkbox"/> FAILED

## EMERGENCY OXYGEN KIT DEMAND VALVE TEST INSTRUCTIONS

The emergency oxygen kit demand valve test kit shall be used annually to verify that the delivery pressure of oxygen is between 32 and 48 mmHg on each oxygen demand valve. Each diving unit is responsible to perform the annual test, record test results, and maintain test records. Although demand valve pressure measurements are required annually, the demand valve must be tested for function at least monthly and prior to diving operations to ensure proper operation. The demand valve shall be pressure tested before use if the delivery pressure seems excessive or inadequate during the monthly or pre-dive check.

Valves with pressure readings below 32 mmHg or above 48 mmHg **shall be immediately removed from service** and replaced with serviceable units prior to conducting diving operations.

### Preparation Procedures:

1. Ensure that the oxygen demand valve is connected to the hose and regulator assembly.
2. Connect the oxygen first stage regulator assembly to the tank and pressurize slowly.
3. Depress the positive pressure button on the demand valve to ensure flow.

### Test Procedures:

1. Insert the test pressure gauge into the valve orifice, ensuring a tight seal.
2. Depress the positive pressure button then observe the test gauge pressure reading.

### Post Test Procedures:

1. Record the test gauge pressure reading on page 1 of this form.
2. Store the test kit and the emergency oxygen kit, as appropriate.



Figure 1. Demand valve test kit assembled for testing