

HOW TO PHOTOGRAPH A CYLINDER

FIRST, UNDERSTAND HOW YOUR CAMERA FUNCTIONS

- ▣ Choose the appropriate mode for the result you desire.
- ▣ Do not hold the camera too close to the subject or the result may be blurry.
- ▣ If possible, keep the light source behind you.
- ▣ Keep the camera steady.

PHOTOS ARE USED TO ANSWER THE FOLLOWING QUESTIONS

- ▣ What is the size of the cylinder?
- ▣ What is the condition of the cylinder?
- ▣ What is the cylinder material of construction?
- ▣ Are there specific defects?
- ▣ What type of valve is on the cylinder?
- ▣ Does the valve outlet connection have right-handed or left-handed threads?
- ▣ Are they male or female?
- ▣ Is it a metal-to-metal seal or a gasket seal?
- ▣ What is the material of construction of the valve?

QUESTIONS cont.

- ▣ Are there Pressure Relief Devices (PRDs) on the cylinder or valve?
- ▣ What type of PRDs are they and are they intact?
- ▣ Are there any labels/partial labels on the cylinder?
- ▣ Is there any stenciling on the cylinder?
- ▣ What DOT specification was the cylinder manufactured to?
- ▣ What color is the cylinder?
- ▣ Is there any corrosion on/in the valve and what color is it?

THE FOLLOWING VIEWS WILL TYPICALLY ANSWER ALL OF THOSE QUESTIONS.

- ▣ Overall view
- ▣ View showing any specific defect
- ▣ Close-up of cylinder specifications
- ▣ Close-up of front of valve on a 30 to 45 degree angle
- ▣ Close-up of side of valve
- ▣ Close-up of back of valve
- ▣ Bottom view (for low pressure cylinders)

IN THE FOLLOWING SLIDES
YOU WILL SEE EXAMPLES
OF WHAT WE ARE
LOOKING FOR

OVERALL VIEW



LABELING

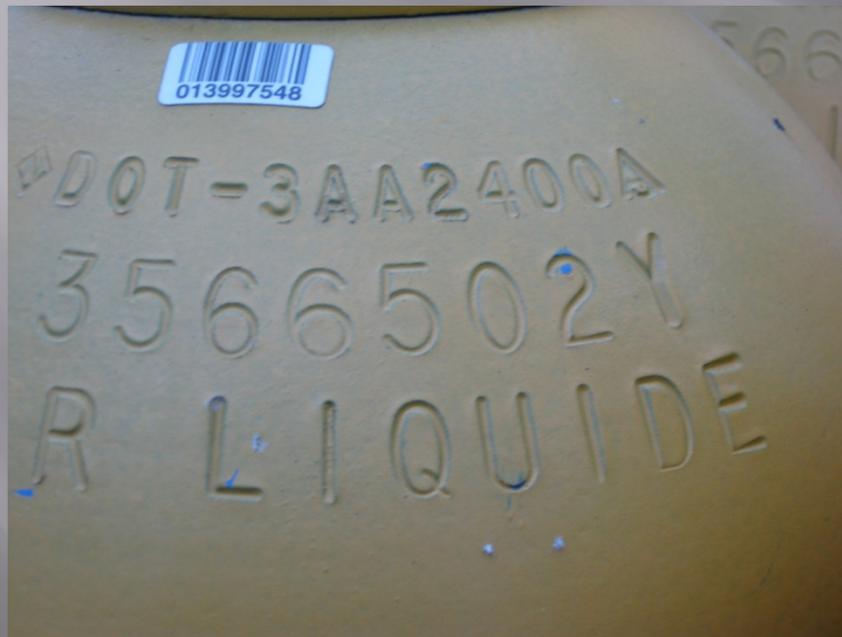


STENCILING



DOT SPECIFICATIONS

HIGH PRESSURE
CYLINDER



LOW PRESSURE
CYLINDER



DEFECT: CORROSION



DEFECT: DENT



DEFECT: BULGED CYLINDER



DEFECT: FIRE DAMAGE



DO NOT HOLD YOUR CAMERA TOO CLOSE TO THE SUBJECT

TOO CLOSE=BLURRY

PROPER FOCAL DISTANCE=CLEAR



FRONT ANGLE VIEW CLOSE-UP

MALE
EXTERNAL THREAD



FEMALE
INTERNAL THREAD



SIDE VIEW CLOSE-UP

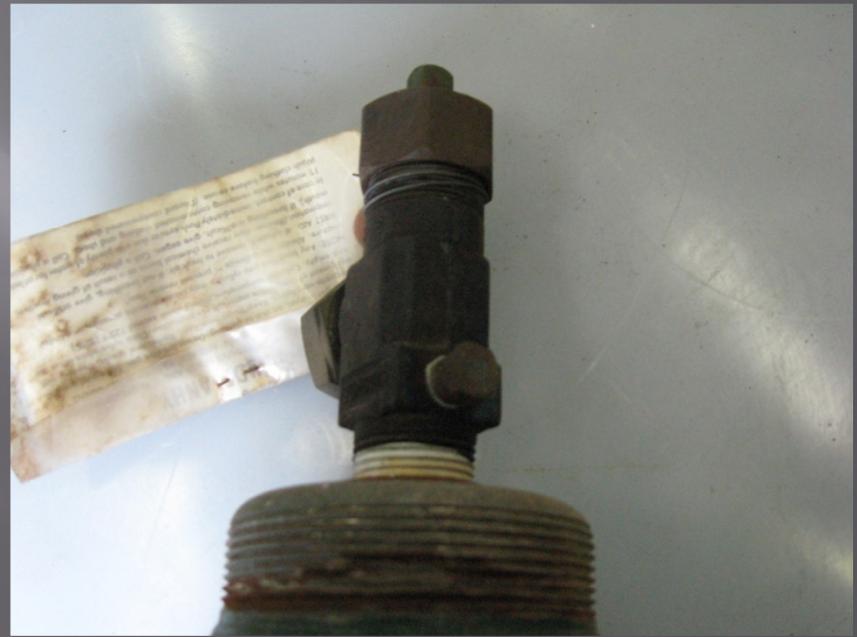
RIGHT-HANDED
THREAD



LEFT-HANDED
THREAD



BACK VIEW CLOSE-UP



PRESSURE RELIEF DEVICES (PRDs)

NO PRD



WITH PRD



PRDs ON CYLINDERS



PRDs ON VALVES



DEFECTIVE PRDs

EXTRUDED FUSE METAL

CORRODED



CORROSION COLOR

GREENISH

BLUISH



BOTTOM VIEW of LOW PRESSURE CYLINDERS

GOOD BOTTOM



BAD BOTTOM



PLEASE REVIEW YOUR
PHOTOS FOR CLARITY
BEFORE SENDING THEM TO
US.

PRESENTED BY
THE SET CYLINDER DEPT.