

Pressure Relief Streams

Part Three Relief Valve Faults

Website: www.ttetraining.ltd.uk



International Safety Awards
Awarded 2006
BRITISH SAFETY COUNCIL



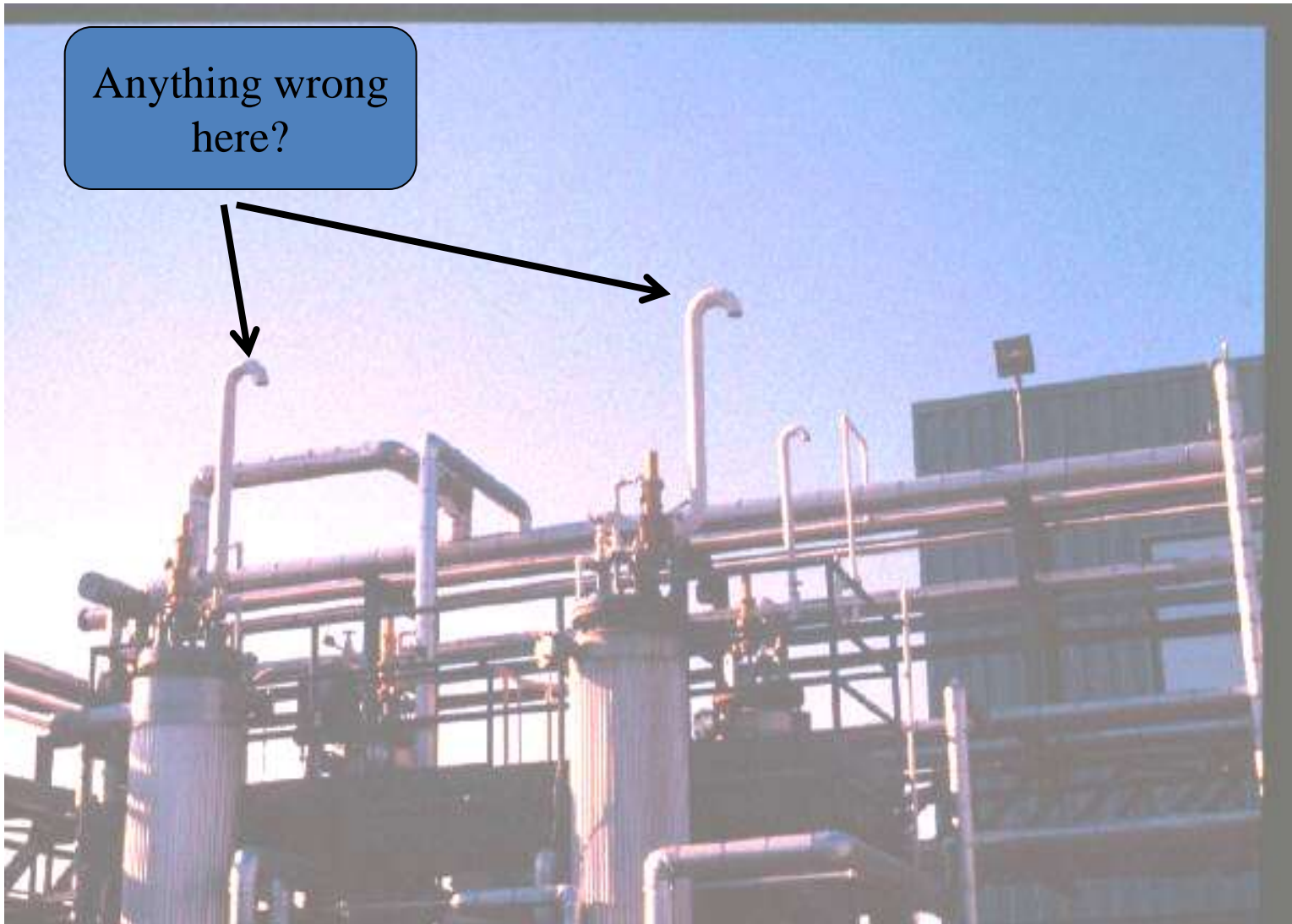


Anything wrong
here?



Any concerns
here?

Anything wrong
here?

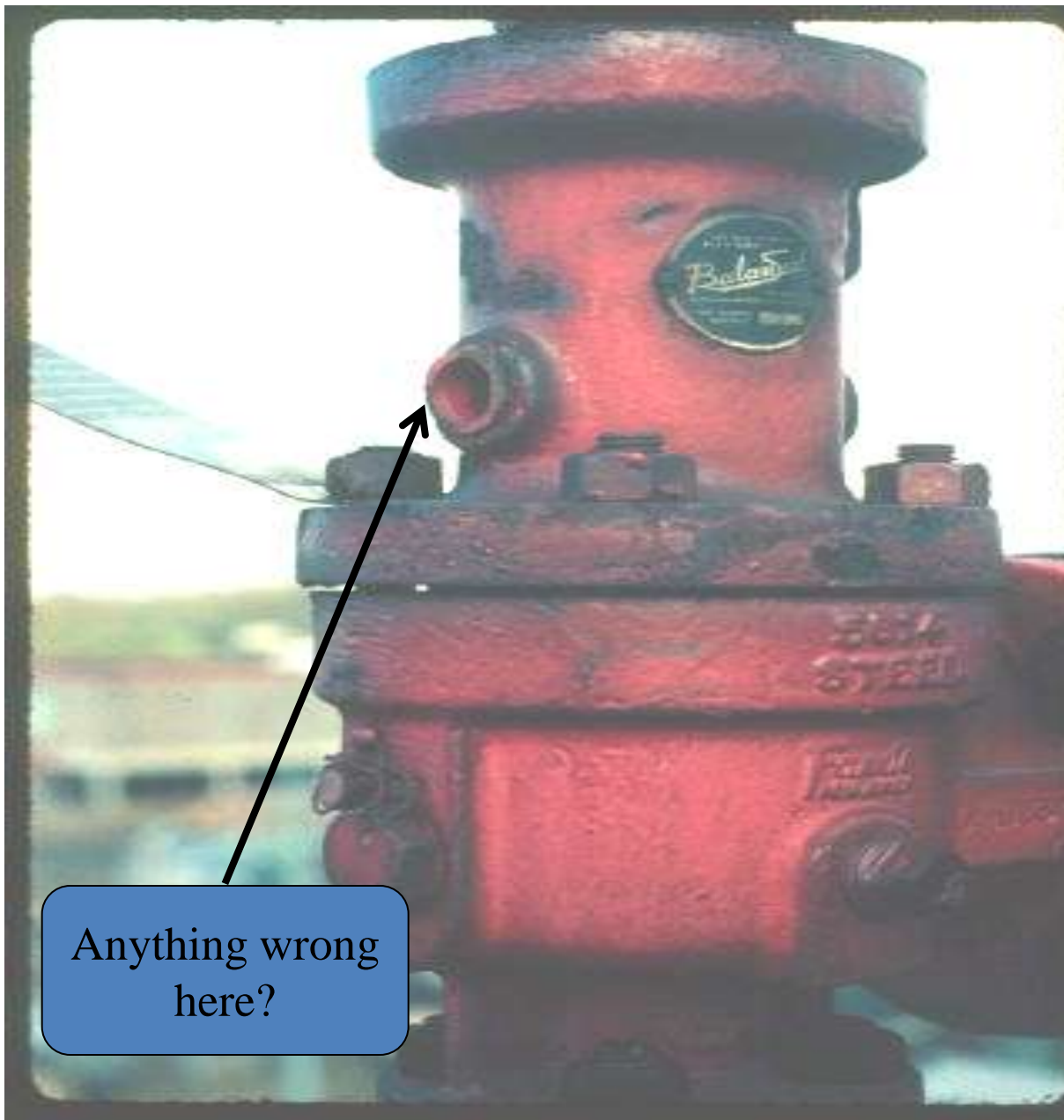


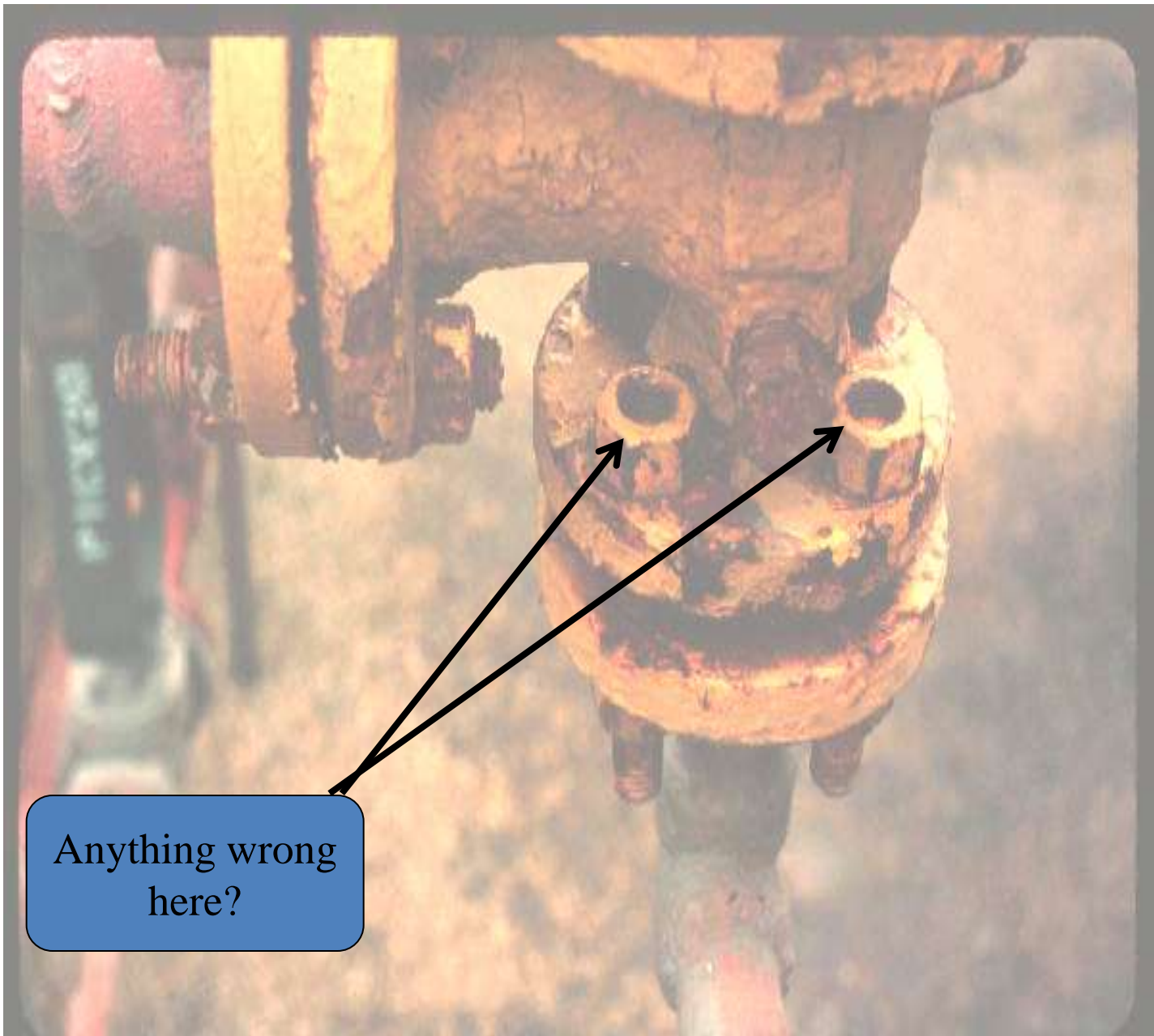
Anything wrong
here?



Anything wrong
here?







Anything wrong
here?



Anything wrong
here?

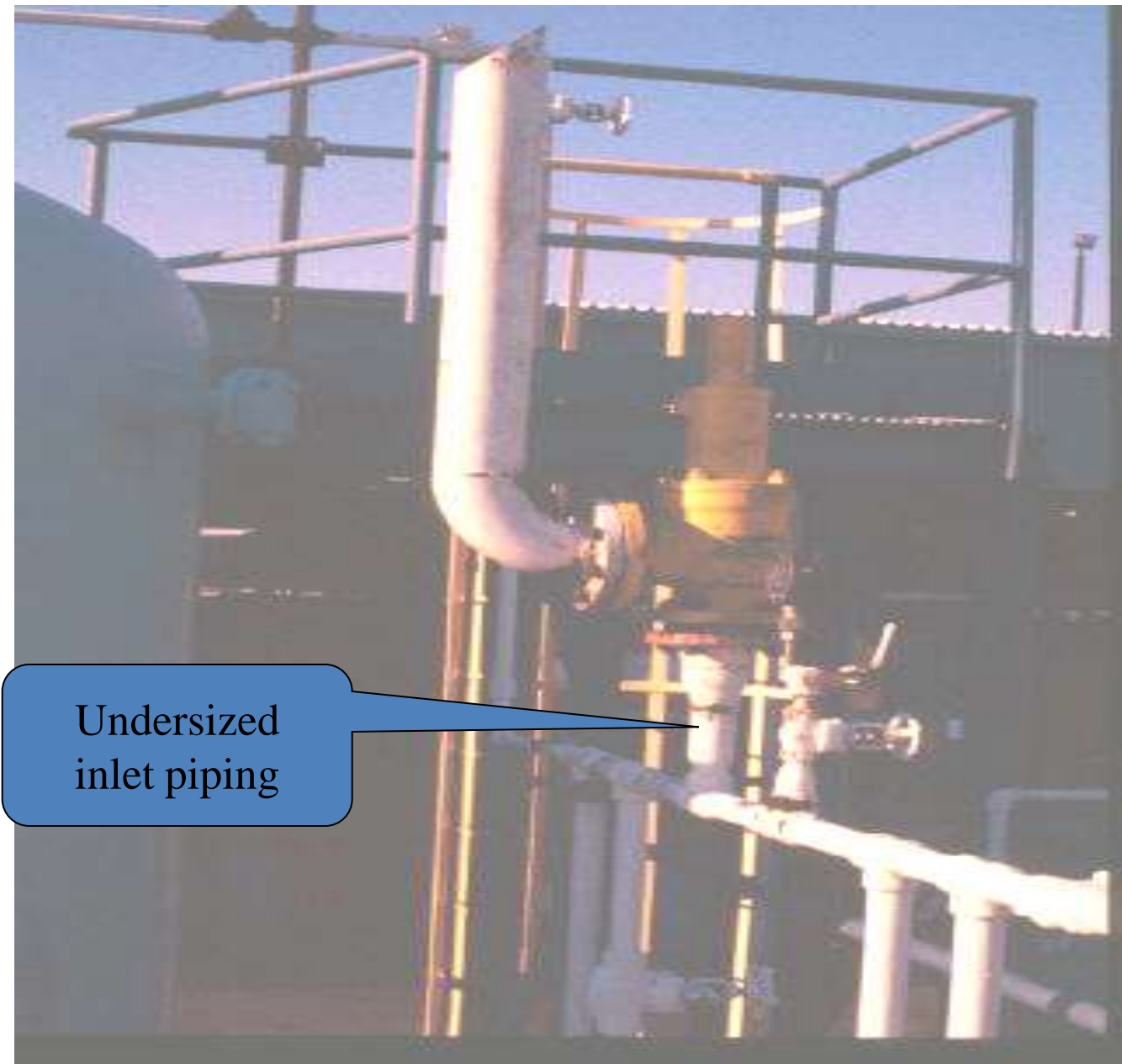
BELLOWS SEALED
SAFETY VALVES
ENSURE PLUG IS REMOVED
FROM BONNET



Anything wrong
here?

END OF
PRESENTATION

Student Print Stop

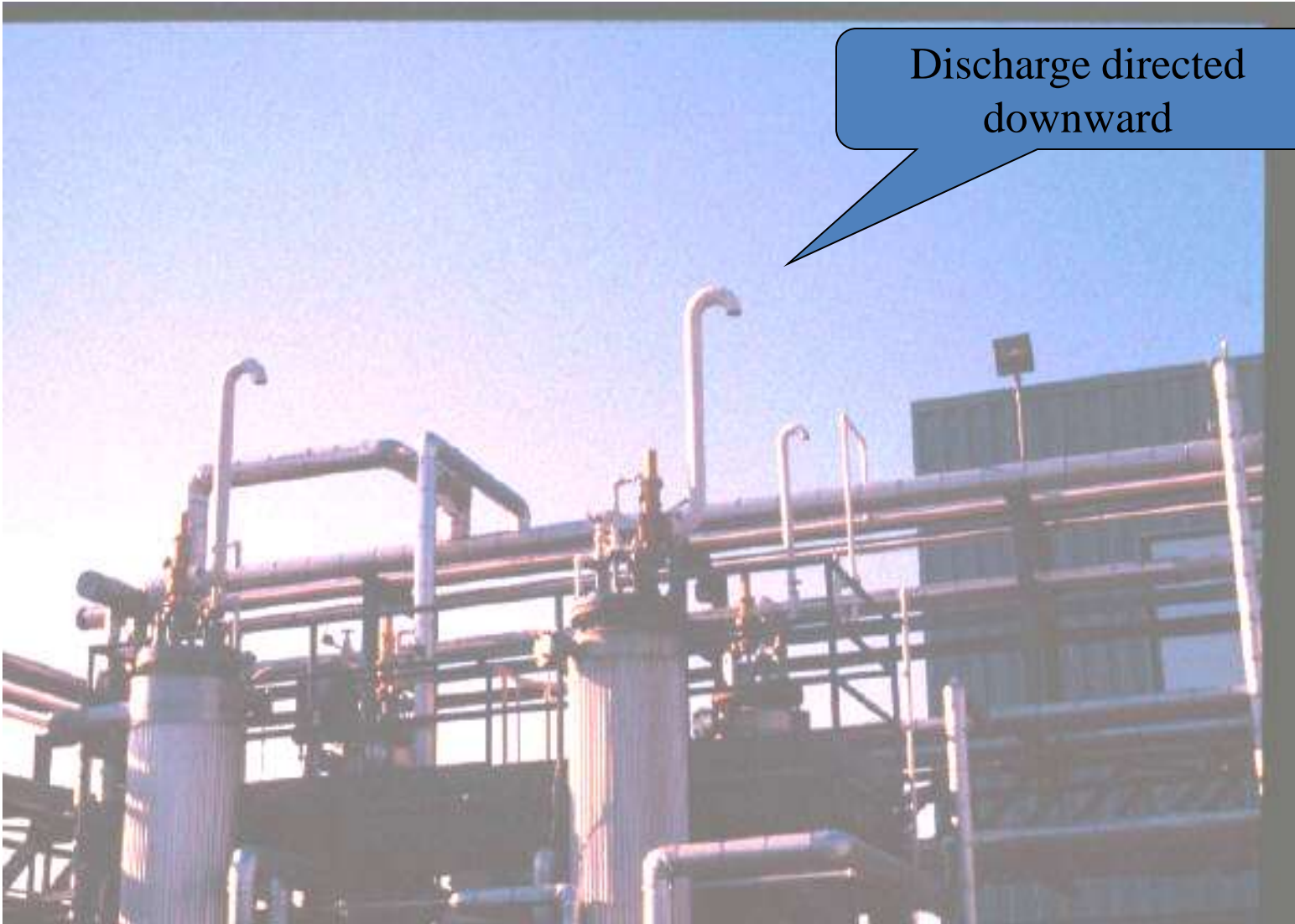


Undersized
inlet piping

Valve on the
vent drain



Discharge directed
downward



Discharge too
near deck

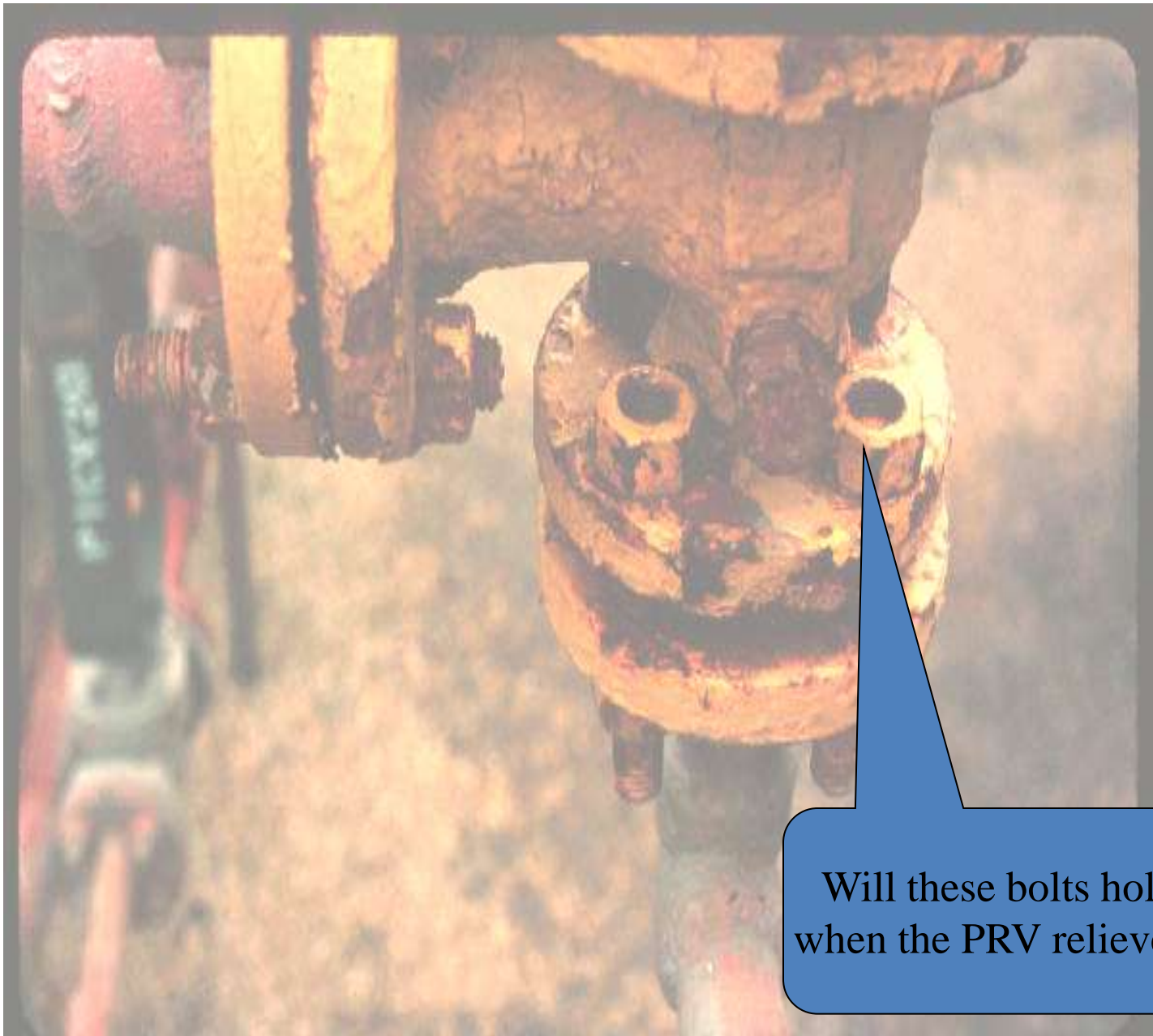


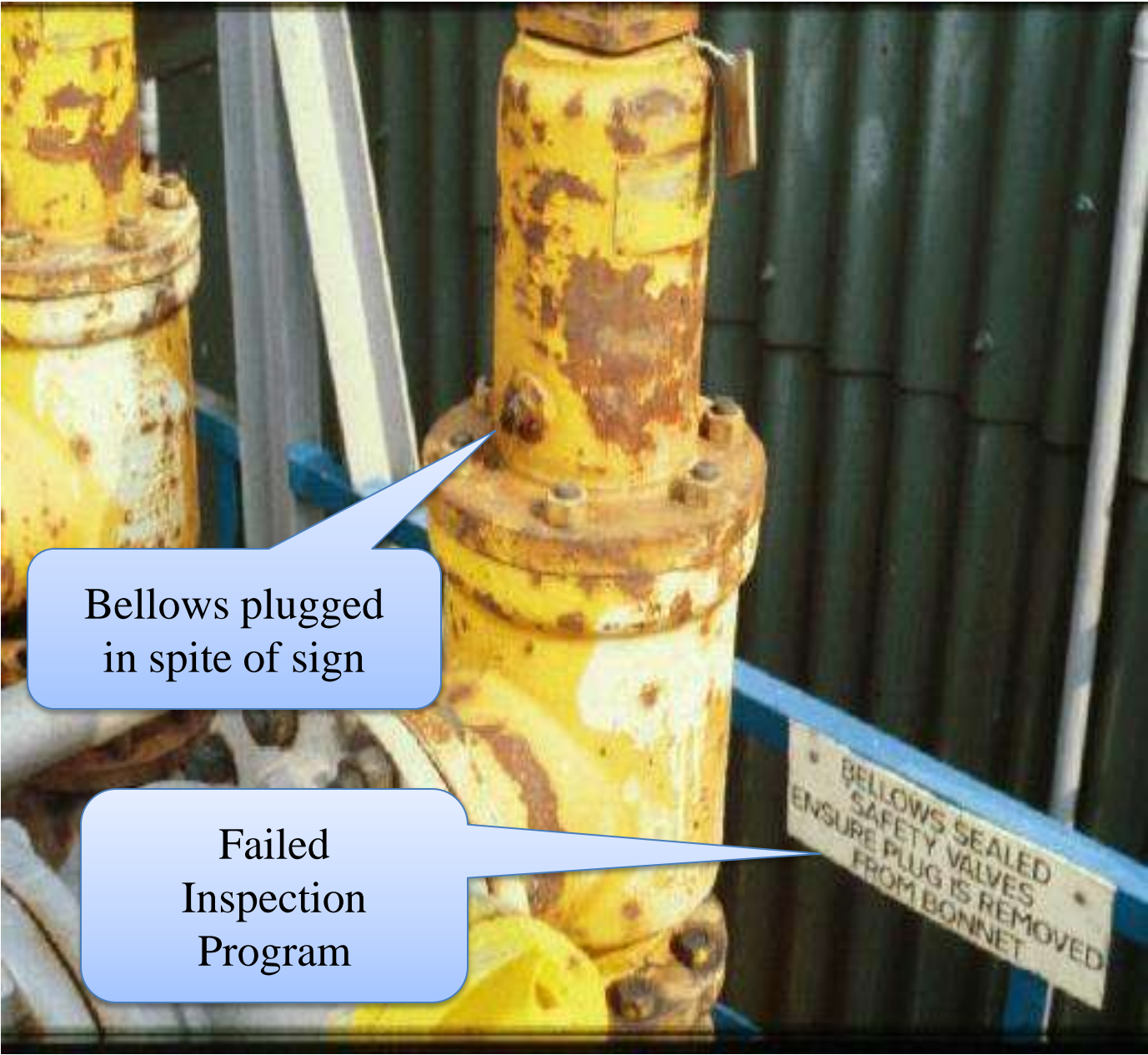
Long moment arm



Shipping plug still
in bellows vent







Bellows plugged
in spite of sign

The image shows a close-up of a yellow industrial bellows assembly. The bellows is heavily rusted and has a flange with several bolts. A blue metal railing is visible in the foreground. A white sign with black text is attached to the railing. The background is a dark green corrugated metal wall.

Failed
Inspection
Program

BELLOWS SEALED
SAFETY VALVES
ENSURE PLUG IS REMOVED
FROM BONNET



Pressure above RD

The image shows a close-up of an industrial pressure measurement assembly. A yellow vertical pipe is connected to a black pressure gauge. The gauge has a white face with black markings and a needle pointing to approximately 55. Below the gauge is a black valve with a handwheel. To the right, a red valve with a handwheel is visible. The background shows an industrial facility with various pipes and structures under a clear sky. Two blue callout boxes with black outlines point to specific parts of the assembly: one points to the gauge and the other points to the black valve.

Reduced inlet piping