COOLING WATER DIAGRAM FOR RECIPROCATING COMPRESSOR (TYPICAL)

Gas in

1'st stage-A

Water jacket

3'rd stage

Water jacket

2'nd stage

Intercooler-I

L.O. coolers

Gas out

Intercooler-II

C.W. return

C.W. supply
Reciprocating Compressor Control (Typical)

- Trip signal from L.O.
- Trip signal from system
- Capacity requirement signal

Compressor control system

- Instrument air
- Permissive start
- Vent or bypass

- RV, vent or to suction
- Gas

- Clearance pocket
- Intercooler
- Suction valve unloader
- Starting device
- Motor driver

IA