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CP-105 - INSTRUMENTATION - ISSUE 7

UTILITY HYDRAULICS

Items underlined are added since Issue 5, Ref. 6302/22/J, Jan. 3, 1956.

Item	Range	Accuracy	Accuracy % of full range	Sampling Frequency
1. Pump inlet pressure (one pump)	0-200 psia	$\pm 10\text{psi}$	$\pm 5\%$	10/sec
2. <u>Pressure Regulator "Return" port</u> <u>press.</u>	<u>0-500 psi</u>	$\pm 10\text{psi}$	$\pm 2\%$	<u>Cont.</u> [*]
3. <u>Pressure Regulator "System" port</u> <u>press.</u>	<u>0-5000psi</u>	$\pm 50\text{psi}$	$\pm 1\%$	<u>Cont.</u> [*]
4. Pump inlet temperature (one pump)	-65 +300°F	$\pm 5\text{F}^\circ$	$\pm 1\%$	2/min
• Brake cylinder return temperature-65 +500°F (one off) ^{††}		$\pm 10\text{F}^\circ$	$\pm 2\%$	1/sec

* Recordings requ'd only for periods of equipment operation. (i.e., U/c up or load and S/B operation)

†† To be measured close to brake cylinder.