



Create an I/O list as a table with 15 lines for a rolling mill in a steel production plant. Have as columns signal name, input/output, signal tagnumber, analog/digital, engineering unit, ranges, setpoint, and P&ID reference.



Signal Name	Input/Output	Signal TagNumber	Analog/Digital	Engineering Unit	Ranges	Setpoint	P&ID Reference
1. Mill Motor Speed	Input	MMSPD-101	Analog	RPM	0-1800	1200	M-101
2. Mill Motor Current	Input	MMCUR-101	Analog	A	0-2000	1500	M-101
3. Mill Motor Vibration	Input	MMVIB-101	Analog	mm/s	0-10	5	M-101
4. Roll Gap Position	Input	RGP-101	Analog	mm	0-50	25	R-101
5. Hydraulic Pressure	Input	HP-101	Analog	bar	0-350	250	H-101
6. Cooling Water Flow	Input	CWF-101	Analog	L/min	0-1000	600	C-101
7. Strip Thickness	Input	ST-101	Analog	mm	0-25	10	R-101
8. Strip Temperature	Input	STMP-101	Analog	°C	0-1200	900	T-101
9. Emergency Stop	Input	ESTOP-101	Digital	N/A	N/A	N/A	E-101
10. Mill Motor Start	Output	MMSTART-101	Digital	N/A	N/A	N/A	M-101
11. Mill Motor Stop	Output	MMSTOP-101	Digital	N/A	N/A	N/A	M-101
12. Roll Gap Adjust	Output	RGADJ-101	Analog	mm	0-50	25	R-101
13. Hydraulic Pressure Set	Output	HPSET-101	Analog	bar	0-350	250	H-101
14. Cooling Water Flow Set	Output	CWFSET-101	Analog	L/min	0-1000	600	C-101
15. Strip Temperature Set	Output	STMPSET-101	Analog	°C	0-1200	900	T-101