

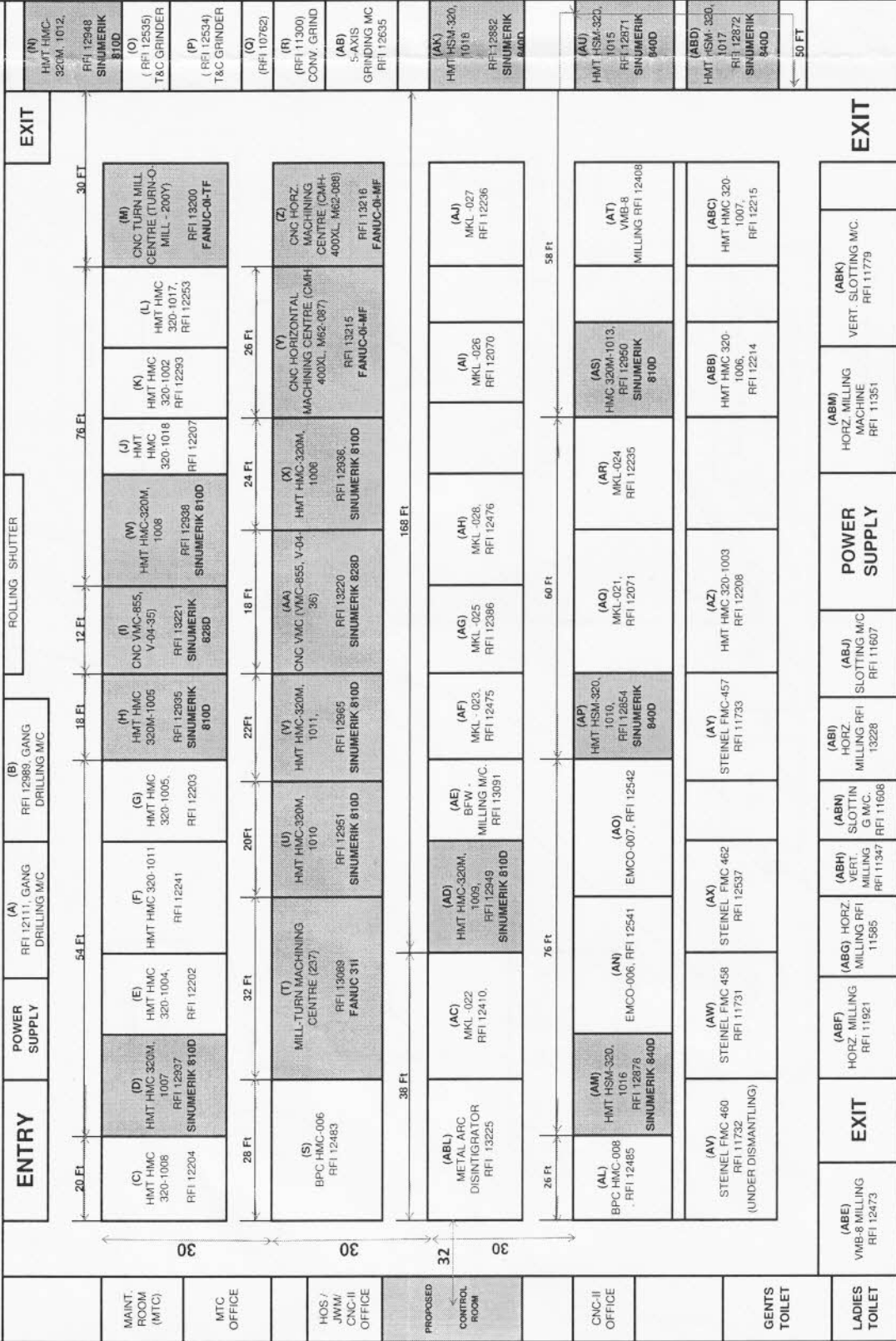
DETAILS OF MACHINE TO BE INTEGRATED UNDER INDUSTRY 4.0

S/L NO.	MACHINE REGD. NO.	M/C. SL. NO.	TYPE	MACHINE SUPPLIER	DESCRIPTION	DATE OF INSTALLATION	NO. OF AXES	SYSTEM FITTED	PCU CARD DETAIL	OPC UA / FOCAS	RS 232	ETHERNET
1	12854	1010	HSM	H.M.T MACHINE TOOLS LIMITED	CNC HORZ.MACHINING CENTRE	24-10-2003	FOUR	SINUMERIK 840D	PCU50, 566 MHZ, 128 MB, WIN. NT 4.0	NIL	YES	YES
2	12871	1015	HSM	H.M.T MACHINE TOOLS LIMITED	CNC HORZ.MACHINING CENTRE (EX LC)	26-04-2004	FOUR	SINUMERIK 840D	PCU50, 566 MHZ, 128 MB, WIN. NT 4.0	OPC UA (SIEMENS SUPPORT REQUIRED)	YES	YES
3	12872	1017	HSM	H.M.T MACHINE TOOLS LIMITED	CNC HORZ.MACHINING CENTRE	14-07-2004	FOUR	SINUMERIK 840D	PCU50, 566 MHZ, 128 MB, WIN. NT 4.0	OPC UA (SIEMENS SUPPORT REQUIRED)	YES	YES
4	12878	1016	HSM	H.M.T LTD.	CNC HORZ.MACHINING CENTRE (EX LC)	27-09-2004	FOUR	SINUMERIK 840D	PCU50, 566 MHZ, 128 MB, WIN. NT 4.0	OPC UA (SIEMENS SUPPORT REQUIRED)	YES	YES
5	12882	1018	HSM	H.M.T MACHINE TOOLS LIMITED	CNC HORZ.MACHINING CENTRE	17-01-2005	FOUR	SINUMERIK 840D	PCU50, 566 MHZ, 128 MB, WIN. NT 4.0	OPC UA (SIEMENS SUPPORT REQUIRED)	YES	YES
6	12935	1005	320-M	OVERSERS HARDWARE MART	TOOLED UP CNC HORZ.MACHINING CENTRE	17-08-2008	FOUR	SINUMERIK 810D	PCU50, 566 MHZ, 128 MB, WIN. NT 4.0	NIL	YES	YES
7	12936	1006	320-M	OVERSERS HARDWARE MART	TOOLED UP CNC HOR.MACHINING CENTRE	17-08-2008	FOUR	SINUMERIK 810D	PCU50, 566 MHZ, 128 MB, WIN. NT 4.0	NIL	YES	YES
8	12937	1007	320-M	HMT. MACHINE TOOLS LTD,PINJORE	TOOLED UP CNC HORZ.MACHINING CENTRE	27-10-2008	FOUR	SINUMERIK 810D	PCU50, 566 MHZ, 128 MB, WIN. NT 4.0	NIL	YES	YES
9	12938	1008	320-M	HMT. MACHINE TOOLS LTD,PINJORE	TOOLED UP CNC HORZ.MACHINING CENTRE	27-10-2008	FOUR	SINUMERIK 810D	PCU50, 566 MHZ, 128 MB, WIN. NT 4.0	NIL	YES	YES
10	12950	1013	320-M	OVERSERS HARDWARE MART	TOOLED UP CNC HORZ.MACHINING CENTRE	06-01-2009	FOUR	SINUMERIK 810D	PCU50, 566 MHZ, 128 MB, WIN. NT 4.0	NIL	YES	YES
11	12951	1010	320M	OVERSERS HARDWARE MART	TOOLED UP CNC HORZ.MACHINING CENTRE	08-01-2009	FOUR	SINUMERIK 810D	PCU50, 566 MHZ, 128 MB, WIN. NT 4.0	NIL	YES	YES
12	12949	1009	320M	OVERSERS HARDWARE MART	TOOLED UP CNC HORZ.MACHINING CENTRE	10-02-2009	FOUR	SINUMERIK 810D	PCU50, 566 MHZ, 128 MB, WIN. NT 4.0	NIL	YES	YES
13	12948	1012	320M	OVERSERS HARDWARE MART	TOOLED UP CNC HORZ.MACHINING CENTRE	30-03-2009	FOUR	SINUMERIK 810D	PCU50, 566 MHZ, 128 MB, WIN. NT 4.0	NIL	YES	YES
14	12965	1011	320M	HMT MACHINE TOOLS LIMITED	CNC HORZ.MACHINING CENTRE	05-03-2010	FOUR	SINUMERIK 810D	PCU50, 566 MHZ, 128 MB, WIN. NT 4.0	NIL	YES	YES
15	13089	---	WM	WILLEM-MACODEL SA	TOOLED-UP 6-8 AXES CNC MACHINING CENT	29-01-2014	EIGHT	FANUC-31i	-----	FOCAS (FANUC SUPPORT REQUIRED)	YES	YES
16	13137	STC-25	Turn Mill Centre	HMT MACHINE TOOLS LIMITED	N/T CNC TURN MILL CENTRE WITH C AXIS	31-10-2014	THREE	SIEMENS 840D SL		OPC UA (SIEMENS SUPPORT REQUIRED)	YES	YES

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17	13200	---	Turn Mill Centre	MACPOWER CNC MACHINE PVT. LTD.	NON TOOLED UP CNC TURN MILL CENTRE	31-08-2017	THREE	FANUC-Oi-TF	-----	FOCAS (FANUC SUPPORT REQUIRED)	YES	YES
18	13220	----	MCPower 3+2	MACPOWER CNC MACHINE PVT. LTD.	NON TOOLED UP CNC VERT MACHINING CENT	13-09-2017	THREE + TWO	SINUMERIK 828D	-----	OPC UA (SIEMENS SUPPORT REQUIRED)	YES	YES
19	13221	----	MCPower 3+2	MACPOWER CNC MACHINE PVT. LTD.	NON TOOLED CNC VERT MACHINING CENTRE	13-09-2017	THREE + TWO	SINUMERIK 828D	-----	OPC UA (SIEMENS SUPPORT REQUIRED)	YES	YES
20	13215	AMS-I	AMS	ACE MANUFACTURING SYSTEM LTD.,	NON TOOLED UP CNC HORZ MACHINING CENT	03-01-2018	THREE + TWO	FANUC-Oi-MF	-----	FOCAS (FANUC SUPPORT REQUIRED)	YES	YES
21	13216	AMS-II	AMS	ACE MANUFACTURING SYSTEM LTD.,	NON TOOLED UP CNC HORZ MACHINING CENT	03-01-2018	THREE + TWO	FANUC-Oi-MF	-----	FOCAS (FANUC SUPPORT REQUIRED)	YES	YES

CNC-II MACHINE LAYOUT (AS ON 07.05.2019)

[GREEN COLOURED MACHINES ARE PROPOSED TO BE INCLUDED UNDER IMPLEMENTATION OF INDUSTRY 4.0]



N.B.- 1) ALL DIMENSIONS ARE IN FOOT AND NOT TO SCALE.
 2) DIMENSION MEASURED IN APPROXIMATION, HENCE, MAY VARY UP TO ± 10%.
 3) ANOTHER CNC TURNMILL CENTRE WITH SIEMENS 840D SL, PLACED AT ADJACENT CNC-I SHOP FLOOR, WILL ALSO TO BE INTEGRATED. THE APPROXIMATE DISTANCE OF THE MACHINE FROM CONTROL ROOM IS 500 FT.

