		Uttamenergy Limited Gut No.53 & 54,Babargaon Village,Tal: Gangapur, Dist: Aurangabad-431109								
		LIST OF CALIBRATED MECHANICAL INSTRUMENTS								
Sr. No	Name of Instruments	Instrument ID No.	Make	Range	Least Count	Accuracy	Calibration Frequency	Date of Calibration	Due Date	Calibration Certificate No.
1	Pressure Gauge	UE/PG/07	Pioneer	0-250 Kg/Cm ²	5 Kg/Cm ²	±1% of Main Scale Value	6 Months	24/03/2017	23/09/2017	PDC000094
2	Pressure Gauge	UE/PG/08	Pioneer	0-250 Kg/Cm ²	5 Kg/Cm ²	±1% of Main Scale Value	6 Months	24/03/2017	23/09/2017	PDC000094
3	Pressure Gauge	UE/PG/09	Pioneer	0-250 Kg/Cm ²	5 Kg/Cm ²	±1% of Main Scale Value	6 Months	24/03/2017	23/09/2017	PDC000094
4	Pressure Gauge	UE/PG/10	Pioneer	0-250 Kg/Cm ²	5 Kg/Cm ²	±1% of Main Scale Value	6 Months	24/03/2017	23/09/2017	PDC000094
5	Pressure Gauge	UE/PG/11	Pioneer	0-250 Kg/Cm ²	5 Kg/Cm ²	±1% of Main Scale Value	6 Months	24/03/2017	23/09/2017	PDC000094
6	Pressure Gauge	UE/PG/12	Pioneer	0-210 Kg/Cm ²	5 Kg/Cm ²	±1% of Main Scale Value	6 Months	24/03/2017	23/09/2017	PDC000094
7	Digital Caliper	UE/Dig/ver/12"/01	Aerospace	0-300 mm	0.01 mm	± 0.05 mm	One Year	20/07/2017	19/07/2018	17-MGC-20-08-006
8	Digital Caliper	UE/Dig/ver/8"/01	Aerospace	0-200 mm	0.01mm	± 0.05 mm	One Year	20/07/2017	19/07/2018	17-MGC-20-08-003
9	Vernier Caliper	UE/ver/6"/01	Mitutoyo	0-150 mm	0.02 mm	± 0.05 mm	One Year	20/07/2017	19/07/2018	17-MGC-20-08-004
10	Vernier Caliper	UE/ver/8"/01	Mitutoyo	0-200 mm	0.02 mm	± 0.05 mm	One Year	20/07/2017	19/07/2018	17-MGC-20-08-005
11	Vernier Height Gauge	UE/VHG/24"/01	Yuzuki	0-600 mm	0.02 mm	± 0.05 mm	One Year	20/07/2018	19/07/2018	17-MGC-20-08-022
12	Outside Micrometer	UE/MIC/25/01	Mitutoyo	0-25mm	0.01mm	± 0.01 mm	One Year	20/07/2017	19/07/2018	17-MGC-20-08-001
13	Outside Micrometer	UE/MIC/50/01	Mitutoyo	25-50mm	0.01mm	± 0.01 mm	One Year	20/07/2017	19/07/2018	17-MGC-20-08-002
14	Ball Type Outside Micrometer	UE/MIC/B/25/01	Mitutoyo	0-25mm	0.01mm	± 0.01 mm	One Year	17/05/2017	16/05/2018	2017-2018/0253/01
15	Ball Type Outside Micrometer	UE/MIC/B/25/02	Mitutoyo	0-25mm	0.01mm	± 0.01 mm	One Year	17/05/2017	16/05/2018	2017-2018/0253/02
16	Measuring Tape	UE/MT/3M/01	GK FML	0-3000 mm	1 mm	± 1 mm	One Year	20/07/2017	19/07/2018	17-MGC-20-08-008
17	Measuring Tape	UE/MT/5M/01	Freemans	0-5000 mm	1 mm	± 3 mm	One Year	20/07/2017	19/07/2018	17-MGC-20-08-009
18	Measuring Tape	UE/MT/15M/01	Freemans	0-15000 mm	1 mm	± 3 mm	One Year	20/07/2017	19/07/2018	17-MGC-20-08-010
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Uttamenergy Limited

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LIST OF CALIBRATED MECHANICAL INSTRUMENTS


Sr. No	Name of Instruments	Instrument ID No.	Make	Range	Least Count	Accuracy	Calibration Frequency	Date of Calibration	Due Date	Calibration Certificate No.
19	Measuring Tape	UE/MT/30M/01	Freemans	0-30000 mm	1 mm	± 3 mm	One Year	20/07/2017	19/07/2018	17-MGC-20-08-011
20	Digital Coating Thickness Gauge	UE/DFT/01	Dipel	0-1000Micron	± 1Micron	± 1% for 0-40 mic. ± 3% above 40 mic	One Year	20/07/2017	19/07/2018	17-MGC-20-08-020
21	Ultrasonic Thickness Gauge	UE/Dmtr/01	Modosonic	0-100 mm	0.1 mm	± 0.01 mm	One Year	20/07/2017	19/07/2018	17-MGC-20-08-019
22	Infrared Thermometer	UE/Tmter/01	MECO	(-) 50°C to 550°C	1°C	1°C	6 Months	24/06/2017	23/12/2017	3268
23	Globe Filler Gauge	UE/FG/01	Freemans	0.03mm-1mm	0.1 mm	± 5%	One Year	20/07/2017	19/07/2018	17-MGC-20-08-007
24	Bridge Cam weld Gauge	UE/BCWG/01	Kristeel	0-25mm	1mm	± 0.1 mm/0°	One Year	20/07/2017	19/07/2018	17-MGC-20-08-018
25	Universal Gauge	UE/UG/1509/01	Kristeel	55° - 120°	....	± 0.1 mm/0°	One Year	20/07/2017	19/07/2018	17-MGC-20-08-014
26	Center Gauge 55°	UE/Cg/1507A/01	Kristeel	55°	....	± 0.1 mm/0°	One Year	20/07/2017	19/07/2018	17-MGC-20-08-0012
27	Center Gauge 60°	UE/Cg/1507B/02	Kristeel	60°	....	± 0.1 mm/0°	One Year	20/07/2017	19/07/2018	17-MGC-20-08-0013
28	Weld fillet gauge	UE/WG-A/01	Kristeel	...	....	± 0.1 mm/0°	One Year	20/07/2017	19/07/2018	17-MGC-20-08-017
29	Leaf type Weld fillet gauge	UE/WFG/01	Kristeel	...	....	± 0.1 mm/0°	One Year	20/07/2017	19/07/2018	17-MGC-20-08-015
30	Hi-Lo Welding gauge	UE/Hi-Lo/01	Kristeel	...	...	± 0.1 mm/0°	One Year	20/07/2017	19/07/2018	17-MGC-20-08-016


NOTE:- No. of lines will be amended as per the requirement.

Prepared By: Mr P.Yaswanth kumar
(QC Engineer)

Verified By:Mr. Ganesh Ahire
(Head Quality)

<div>  <div> Uttamenergy Limited. Gut No.53 & 54,Babargaon Village,Tal: Gangapur, Dist: Aurangabad-431109 LIST OF CALIBRATED ELECTRICAL INSTRUMENTS </div> </div>											
Sr. No	Name of Instruments	Instrument ID No.	Make	Range	Least Count	Accuracy	Calibration Frequency	Date of Calibration	Due Date	Calibration Certificate No.	Location
1	Welding Inverter	UE/WI-630A/01 00M140317000100	Warpp Engineers	0-630A /0-60V	1 A / 0.1 V	±15Amp & ±3V	One Year	18/03/2017	17/03/2018	WEPL/CC/17-18/1098	Panel Shop
2	Welding Inverter	UE/WI-630A/02 00M140317000200	Warpp Engineers	0-630A /0-60V	1 A / 0.2 V	±15Amp & ±3V	One Year	18/03/2017	17/03/2018	WEPL/CC/17-18/1099	Panel Shop
3	Welding Inverter	UE/WI-630A/03 00M140317000300	Warpp Engineers	0-630A /0-60V	1 A / 0.3 V	±15Amp & ±3V	One Year	18/03/2017	17/03/2018	WEPL/CC/17-18/1100	Panel Shop
4	Welding Inverter	UE/WI-630A/04 00M140317000400	Warpp Engineers	0-630A /0-60V	1 A / 0.4 V	±15Amp & ±3V	One Year	18/03/2017	17/03/2018	WEPL/CC/17-18/1101	Coil Shop
5	Welding Inverter	UE/WI-400A/01 00B120317191600	Warpp Engineers	0-400A/0-60V	1 A / 0.5 V	±15Amp & ±3V	One Year	9/3/2017	8/3/2018	WEPL/CC/17-18/1103	Panel Shop
6	Welding Inverter	UE/WI-400A/02 00B120317191700	Warpp Engineers	0-400A/0-60V	1 A / 0.6 V	±15Amp & ±3V	One Year	9/3/2017	8/3/2018	WEPL/CC/17-18/1104	Coil Shop
7	Welding Inverter	UE/WI-400A/03 00B120317192000	Warpp Engineers	0-400A/0-60V	1 A / 0.7 V	±15Amp & ±3V	One Year	9/3/2017	8/3/2018	WEPL/CC/17-18/1107	Fabrication Yard
8	Welding Inverter	UE/WI-400A/04 00B120317191900	Warpp Engineers	0-400A/0-60V	1 A / 0.8 V	±15Amp & ±3V	One Year	9/3/2017	8/3/2018	WEPL/CC/17-18/1106	Panel Shop
9	Welding Inverter	UE/WI-400A/05 00B120317191500	Warpp Engineers	0-400A/0-60V	1 A / 0.9 V	±15Amp & ±3V	One Year	9/3/2017	8/3/2018	WEPL/CC/17-18/1102	Panel Shop
10	Welding Inverter	UE/WI-400A/06 00B120317191800	Warpp Engineers	0-400A/0-60V	1 A / 0.10 V	±15Amp & ±3V	One Year	9/3/2017	8/3/2018	WEPL/CC/17-18/1105	Fabrication Yard
11	SAW Welding Machine	UE/SAW/01	Ador Maestro	0 to 1200 A/0 to 60 V	50 A / 1 V	±15Amp & ±3V	One Year	19/07/2017	18/07/2018	17-SEGC19/02/01	Drum Shop
12	SAW Welding Rectifier	UE/SAW/02	Quality Engg	0 to 1200 A/0 to 60 V	50 A / 1 V	±15Amp & ±3V	One Year	19/07/2017	18/07/2018	17-SEGC19/02/02	Drum Shop
13	SAW Welding Inverter	UE/SAW/03	Ador	0 to 1200 A/0 to 60 V	50 A / 1 V	±15Amp & ±3V	One Year	19/07/2017	18/07/2018	17-SEGC19/02/03	Drum Shop
14	Welding Inverter	UE/600A-A1/01	Lincoln Electric	0 to 800 A/0 to 60 V	20 A / 1 V	±15Amp & ±3V	One Year	19/07/2017	18/07/2018	17-SEGC19/02/04	Panel Shop
15	Welding Inverter	UE/600A-A2/02	Lincoln Electric	0 to 800 A/0 to 60 V	20 A / 1 V	±15Amp & ±3V	One Year	19/07/2017	18/07/2018	17-SEGC19/02/05	Panel Shop
16	Welding Inverter		Lincoln Electric	0 to 800 A/0 to 60 V	20 A / 1 V	±15Amp & ±3V	One Year	19/07/2017	18/07/2018	17-SEGC19/02/06	Panel Shop
17	Welding Inverter	UE/600A-A4/04	Lincoln Electric	0 to 800 A/0 to 60 V	20 A / 1 V	±15Amp & ±3V	One Year	19/07/2017	18/07/2018	17-SEGC19/02/07	Panel Shop
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		LIST OF CALIBRATED ELECTRICAL INSTRUMENTS									
Sr. No	Name of Instruments	Instrument ID No.	Make	Range	Least Count	Accuracy	Calibration Frequency	Date of Calibration	Due Date	Calibration Certificate No.	Location
18	Welding Generatore	UE/WG/01	Ador	0 to 400 A/0 to 60 V	1 A / 0.1 V	±15Amp & ±3V	One Year	19/07/2017	18/07/2018	17-SEGC19/02/08	Coil Shop
19	Welding Generatore	UE/WG/02	Ador	0 to 400 A/0 to 60 V	1 A / 0.1 V	±15Amp & ±3V	One Year	19/07/2017	18/07/2018	17-SEGC19/02/13	Coil Shop
20	Welding Generatore	UE/WG/03	Ador	0 to 400 A/0 to 60 V	1 A / 0.1 V	±15Amp & ±3V	One Year	19/07/2017	18/07/2018	17-SEGC19/02/14	Panel Shop
21	Welding Rectifire	UE/WR400A/01	Ador	0 to 400 A/0 to 60 V	1 A / 0.1 V	±15Amp & ±3V	One Year	19/07/2017	18/07/2018	17-SEGC19/02/09	Coil Shop
22	Welding Rectifire	UE/WR400A/02	Ador	0 to 400 A/0 to 60 V	1 A / 0.1 V	±15Amp & ±3V	One Year	19/07/2017	18/07/2018	17-SEGC19/02/10	Fabrication Yard
23	Welding Inverter	UE/IN/01	Warpp Engineers	0 to 600 A/0 to 100 V	1 A / 0.1 V	±15Amp & ±3V	One Year	19/07/2017	18/07/2018	17-SEGC19/02/11	Fabrication Yard
24	Welding Inverter	UE/IN/02	Warpp Engineers	0 to 600 A/0 to 100 V	1 A / 0.1 V	±15Amp & ±3V	One Year	19/07/2017	18/07/2018	17-SEGC19/02/12	Fabrication Yard
25	Welding Inverter	UE/WI/01	Hanshen	0 to 600 A/0 to 100 V	1 A / 0.1 V	±15Amp & ±3V	One Year	19/07/2017	18/07/2018	17-SEGC19/02/15	Coil Shop
26	Welding Inverter	UE/WI/02	System Engg	0 to 600 A/0 to 100 V	1 A / 0.1 V	±15Amp & ±3V	One Year	19/07/2017	18/07/2018	17-SEGC19/02/16	panel Shop
27	Welding Inverter	UE/WI/03	Hanshen	0 to 600 A/0 to 100 V	1 A / 0.1 V	±15Amp & ±3V	One Year	19/07/2017	18/07/2018	17-SEGC19/02/17	Drum Shop
28	Welding Inverter	UE/WI/04	Hanshen	0 to 600 A/0 to 100 V	1 A / 0.1 V	±15Amp & ±3V	One Year	19/07/2017	18/07/2018	17-SEGC19/02/18	Drum Shop
29	Co2 Welding Inverter	UE/CO2WI/01	Hansen	0 to 600 A/0 to 60 V	1 A / 0.1 V	±15Amp & ±3V	One Year	19/07/2017	18/07/2018	17-SEGC19/02/19	Panel Shop
30	Co2 Welding Inverter	UE/CO2WI/02	System Engg	0 to 600 A/0 to 100 V	1 A / 0.1 V	±15Amp & ±3V	One Year	19/07/2017	18/07/2018	17-SEGC19/02/21	Panel Shop
31	Co2 Welding Inverter	UE/CO2EB/01	Essab	0 to 600 A/0 to 100 V	1 A / 0.1 V	±15Amp & ±3V	One Year	19/07/2017	18/07/2018	17-SEGC19/02/20	Panel Shop
32	Drying Oven	UE/OVEN/01	Advani Okrlink Ldt	50°C to 250°C	10°C	± 5° C	One Year	19/07/2017	18/07/2018	17-SEGC19/01/01	Store
33	Drying Oven	UE/OVEN/02	Advani Okrlink Ldt	0 to 400°C	10°C	± 5° C	One Year	19/07/2017	18/07/2018	17-SEGC19/01/02	Store
34	Carrying Oven	UE/CO/01	Ador	0 to 100°C	1 °C	± 5° C	One Year	19/07/2017	18/07/2018	17-SEGC19/01/03	Drum Shop
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		LIST OF CALIBRATED ELECTRICAL INSTRUMENTS									
Sr. No	Name of Instruments	Instrument ID No.	Make	Range	Least Count	Accuracy	Calibration Frequency	Date of Calibration	Due Date	Calibration Certificate No.	Location
35	Carrying Oven	UE/CO/02	Ador	0 to 100°C	1 °C	± 5° C	One Year	19/07/2017	18/07/2018	17-SEGC19/01/04	Drum Shop
36	Carrying Oven	UE/CO/03	Ador	0 to 100°C	1 °C	± 5° C	One Year	19/07/2017	18/07/2018	17-SEGC19/01/05	Panel Shop
37	Carrying Oven	UE/CO/04	Ador	0 to 101°C	1 °C	± 5° C	One Year	19/07/2017	18/07/2018	17-SEGC19/01/06	Panel Shop
38	Carrying Oven	UE/CO/05	Ador	0 to 100°C	1 °C	± 5° C	One Year	19/07/2017	18/07/2018	17-SEGC19/01/07	Fabrication Yard
NOTE:- No. of lines will be appended as per the requirement.											
<div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div> Prepared By: Mr P.Yaswanth Kumar (QC Engineer) </div> <div> Verified By:MrGanesh Ahire (Head Quality) </div> </div>											
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