



**SAI**

Utility & Fire Systems (I) Pvt. Ltd.

**SAI UTILITY & FIRE SYSTEMS (I)  
PVT.LTD**

**GRINDING MACHINE CHECKLIST**

DOC.NO. SUFSIPL/HS/F21  
Issued Date:082016 / Rev. No. 00

PROJECT: SP - Infocity.

**SAFETY CHECK LIST (PRE ENTRY) FOR PORTABLE GRINDING MACHINE**

GRINDING M/C ID: 01

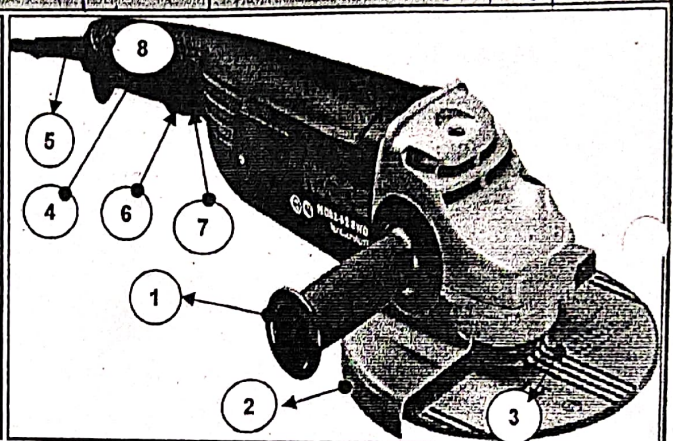
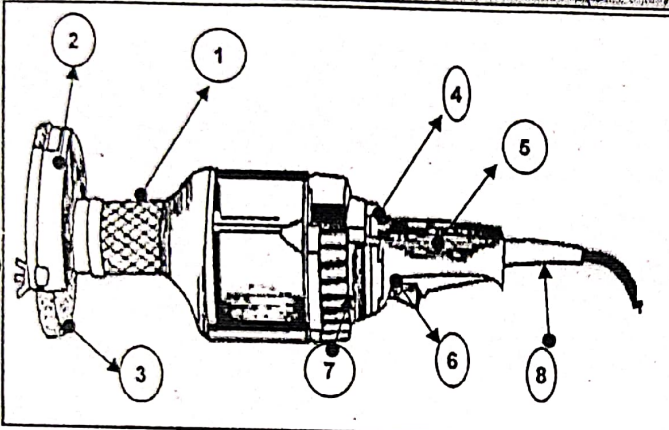
GRINDING M/C SR.NO: SUFS Em 01

INSPECTION DATE: 01/08/2022

SIZE/ RPM: 11500

MAKE/MODEL: Dewalt

NEXT INS DATE: 31/08/2022



SR.NO	CHECK ITEM	PHOTOS	YES/NO	SR.NO	CHECK ITEM	PHOTOS	YES/NO
1	Fore handle without damage.		Yes	2	Wheel guard (covering 3/4th area).		Yes
3	Grinding wheel without any crack.		Yes	4	Rear handle without any damage.		Yes
5	Presence of Cord strain reliever (glands).		Yes	6	Trigger switch without damage.		Yes
7	Presence of Switch lock.		Yes	8	Electric wire without cuts and joints.		Yes
9	Machine Health Tag			10	Other		

Checked by: [Signature]  
SUFS-Electrician/Engineer

Verified by: [Signature]  
SUFS-Safety Engineer





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DOC. NO. SUFSIPL/H5/F20  
Issued Date: 082016 / Rev. No. 00  
PROJECT:

**SAFETY INSPECTION CHECKLIST FOR WELDING MACHINE**

MACHINE BRAND: <u>SUK/WM/05</u>	DETAILS OF EQUIPMENTS: <u>3 PHS 440V.</u>	DATE OF INSPECTION: <u>01/03/2022</u>
MACHINE ID NO: <u>05</u>	FACTORY TYPE / MAKE: <u>Apex</u>	DATE OF NEXT INSPECTION: <u>31/03/2022</u>

S/NO	ITEM DESCRIPTIONS	YES / NO	NOT APPLICABLE	REMARK
1	Are only authorized and trained personnel permitted to use welding, cutting or brazing equipment?	Yes		
2	Barricade the working area with safety sign.	Yes		
3	Employee must wear personnel protective equipment (Eye protection, helmet, Face Shield, Leather hand gloves, Apron, Safety Shoes, worn during all arc welding, cutting operation)	Yes		
4	Is ELCB Protection 30 mA Provided?	Yes		
5	Proper cable in condition without joints.	Yes		good Condition
6	Proper lugs available?	Yes		
7	Electrical distribution panel located in dry area?	Yes		
8	Is the separate disconnection switch (On / OFF) or controller provided at near each welding machine?	Yes		
9	Proper Earthing Clamp Provided?	Yes		
10	Is the welding machine effectively grounded and the grounding checked?	Yes		
11	Is combustible floor kept wet, covered by damp sand, or protected by fire resistance shields?	Yes		
12	Is the suitable type fire extinguisher equipment available for immediate use?	Yes		
13	Are work and electrode lead cables frequently inspected for wear and damage and replace when needed?	Yes		
14	When the object to be welded cannot be moved and fire hazards cannot be removed, are shield used to confine heat, spark and slag?(fire blanket, metal sheet)	Yes		
15	No internal live electrical parts of welding machine is exposed	Yes		
16	Welding Machine body & trolley without damaged of wheels?	Yes		
17	Electrode rod holder and earthing holder are without damage?	Yes		
18	Industrial type Plug / Top provide for power tapping cable of welding machine.	Yes		
19	Machine Health Tag of OK or NOT OK from electrician put.	Yes		
20	Knowledge of welder about use of fire Extinguisher.	Yes		

Inspected by: <u>[Signature]</u> SUFS- Electrical Dept.	Verified by: <u>[Signature]</u> SUFS Safety Dept.	Approved by: <u>[Signature]</u> SUFS-Project Manager
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(DCP)



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Doc.No.SUFSIPL/HS/F36 Rev.No.00/ Dt:032021

Utility & Fire Systems (I) Pvt. Ltd.

PROJECT: SP Infocity

SAFETY INSPECTION CHECKLIST FOR FIRE EXTINGUISHER

LOCATION: on site SR./ID. NO: SUFS/FE/05 DATE OF INS: 01/04/2022

TYPE OF EXT.: ABC DATE OF HPT: 20/04/2022 DATE OF NEXT INS: 30/04/2022

SR.NO.	DESCRIPTION OF CHECK POINTS	INSPECTION		N/A	REMARKS
		YES	NO		
1	Is the fire extinguisher's immediate surrounding free from obstruction?	Yes			
2	Is fire extinguisher being easily visible & accessible in emergency use?	Yes			
3	Is the fire extinguisher elevated from the ground? Its properly secure with bracket?	Yes			
4	Is the cylinder tank and all external metal parts free of corrosion, dents or other signs of damage?	Yes			good condition
5	Is type / category of fire extinguisher labeled being displayed on the cylinder? Its readable?	Yes			sticker
6	Is fire extinguisher displayed operating instructions on the body? Its readable and facing outward?	Yes			
7	Is the pressure gauge pointed within the optimal green range?	Yes			green
8	Check weight of the extinguisher (Should be match with actual weight written in the body)	Yes			5 kg
9	Is fire extinguisher carrying handle in good condition? its damage free?	Yes			good condition
10	Is Co2 fire extinguisher discharge valve ring being in proper operation?			NA	
11	Is fire extinguisher present discharge locking pin being intact with seal?	Yes			
12	Is the seal present and not broken? (The seal's material can be plastic or metal)	Yes			Plastic
13	Is fire extinguisher discharge hose & nozzle cracks or other signs of damage?		NO		
14	Is discharge hose properly connected & leakage free?	Yes			
15	Other if any_				

Inspected by: [Signature] Site Supervisor/Eng.

Verified by: [Signature] SUFS Safety Officer

Sign: [Signature] SUFS-Project Manager





Utility & Fire Systems (I) Pvt. Ltd.

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DOC.NO. SUFSIPL/HS/F24  
Rev.No.00 / Dt: 032021

PROJECT:

SAFETY INSPECTION CHECKLIST FOR ELECTRICAL PANEL / DISTRIBUTION BOARDS

DETAILS OF PANEL: 440v.	PANEL ID NO: 80K/DB/01	DATE OF INSPECTION: 01/4/2022
CAPACITY: 32AM	LOCATION: on site.	DATE OF NEXT INS: 30/04/2022

SR.NO.	DESCRIPTION	INSPECTED		REMARK
		YES/NO	N/A	
1	General physical condition of electrical panel/ distribution board?	Yes.		Good condition
2	Is panel board power cable in good condition and its damage free ?	Yes.		Damage free.
3	Is Proper glanding available in panel board as per the standard practice?	Yes.		
4	All sockets are in good condition? provided it's as per industrial standard sockets ?	Yes.		
5	Is panel distribution board available proper grounding arrangement?	Yes.		
6	Proper on/ off switch is available on panel board? and its working in proper condition?	Yes.		
7	Suitable rated MCB/ ELCB (30 mA) provided to panel board? and its working in proper condition?	Yes.		
8	Proper earthing provided to panel board? Or double body earthing is provided as per the standard practice ?	Yes.		
9	Is LOTO display on panel board? or display the LOTO procedure & emergency contact details ?	Yes.		Emergency contact details
10	Is indication lamp available on panel board? its working condition?	Yes.		
11	Panel all switches are damaged free & good working condition ?	Yes.		
12	Is proper voltage capacity rated rubber provided below the panel board?	Yes.		
13	Is Panel voltage details / current rating information display on panel board?			
14	Is CO2 type of fire extinguisher is available nearby panel board?	Yes.		
15	Other if Any.		NA	

Checked by:   
SUFS-Electrician/Engineer

Verified by:   
SUFS-Safety Engineer





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DOC.NO. SUFSIPL/HS/F-24

Rev.No.00

Utility & Fire Systems (I) Pvt. Ltd.

PANEL/D.B. BOARD CHECKLIST

Project: ~~MIPL~~ SP Infocity

Inspection Date:- 01/02/2022

Equipment Sr.No. Sufs/DB/01

Next Ins.Date:- 28/02/2022

Sr.No.	DESCRIPTION	INSPECTED		REMARK
		YES/NO	N/A	
1	Genral physical condition.	Yes		
2	Power cable good condition without joint.	Yes		good condition
3	Power cable insulation in good condition .	Yes		good condition
4	Proper glanding available.	Yes		
5	All shocket in good condition.	Yes		good condition,
6	Grounding Arrangement available.	Yes		
7	Proper LOTO Display & Emergency Contact no.Dispaly ?		N/A	
8	Sutable rated ELCB(30mA) available.	Yes		
9	Propeer Earthing Available	Yes		
10	Double earthing provoded.	Yes		
11	All switch in good condition.	Yes		
12	Rubber mat provided ?	Yes		
13	Monthly Inspection done.	Yes		
14	Other	Yes		Display Emergency Contact

Checked by:

Electrical Engg./Electrician

Verified by:

Safety Officer



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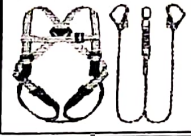




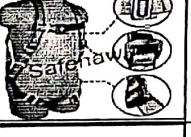
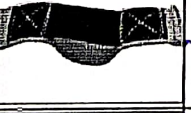


**SAI UTILITY & FIRE SYSTEMS (I)  
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Doc.No. SUFSIPL/HS/F28  
Issued Date:082016 / Rev. No. 00

PROJECT: *SP Zinfacity*

**SAFETY INSPECTION CHECKLIST FOR FULL BODY SAFETY HARNESS**

SAFETY HARNESS ID NO: *SU/S/SH/08* DATE OF INSPECTION: *01/02/2022* DATE OF NEXT INS: *08/02/2022*

SR NO	INSPECTION POINTS	SNAPS	YES	NO	OBSERVATION / REMARK
1	Harness is full body with double lanyard (separate lanyard fixed in D-ring)		<i>Yes</i>		
2	Is safety harness lanyard length being as per standard 1.2 Mtr? and no damage in lanyards joints?		<i>Yes</i>		
3	Is snap hook in the lanyard is in working good condition and without damage ?		<i>Yes</i>		
4	Is harness D-ring in good condition? does not have rust or bend		<i>Yes</i>		
5	Is harness available shock observer as per IS standard? And its damage free ?		<i>Yes</i>		
6	Check Condition of chest waist belts & its free from damage ?		<i>Yes</i>		
7	Check condition of revert stitches is good and damage free ?		<i>Yes</i>		
8	Check condition of lanyard, do not have cut, tear swollen or crack.			<i>No</i>	<i>Good Condition</i>
9	Check for damage due to contact with heat, paint, solvents or corrosives.		<i>Yes</i>		

*[Signature]*

Inspected by:  
SUFS-Supervisor

*[Signature]*

Inspected by:  
SUFS- Safety Officer