

Fire Risk Assessment Report

(Check Sheet-1, For Assessment of MSIL Tier-2 Suppliers*)
(*Plant Area<1000 SQM and for Non Hazardous Processes)

Note For Auditor: Only written in White row and Select From Drop bar Auditor Name, Yes/No/NA, OK/NG/NA, and Prepared by

Date of Audit	14/Dec/17				2 Feb 19 & 18 Dec 19				
Result	Ist Audit :				Follow Up Audit :				
	Rating	Score	Prepare By	Approved By	Rating	Score	Prepare By	Approved By	
OK		33.3%	Mr. A.k Gupta (09818713412)	Mr. S. N Sharma (09999914022)		100%	Mr. Nikhil (08053664111)	Mr. S. N Sharma (09999914022)	
Can Improve									
NG									
MSIL Tier-1 Supplier(s) Name:	Tier-1 supplier	Name of Supplier (Tier-2):				Plant Location Address			
MIL - LD Manesar	200010	M/s BKG Automotive Pvt Ltd				2378/79 MIE part B Bahadurgarh			
Nearest Local Fire Station (KM)	Plant Operation Started (Year):		Plot Area		Employees (No's)		GST No		
MIE 1 Km	2017		878 Sqm (covered Area ~1098 sqm)		90		06AAACB3685R1Z5		
About Company	Manufacture of plastic parts with injection molding								
Fire NOC Available (If Applicable)	Fire NOC available, FS /2019/302 dated 19.10.19 Valid for next one year.								
Contact Detail T1: E:Mail & Mobile	Mr. Gaurav Vats								
Audit Company Name & Email	Maruti Center For Excellence MACE_ShyamNarayan.Sharma@maruti.co.in (9999914022)								
Opening & Closing Meeting	PRESENT	Date of 1st Audit : 14/Dec/17				Date of Follow Up Audit : 2 Feb 19 & 18 Dec 19			
Auditor Name, Mobile & Signature	Auditor-1	Mr. A.k Gupta (09818713412)				Mr. Nikhil (08053664111)			
	Auditor-2								
Auditee Name Mobile, E:mail & Signature	TIER-1 REP	Sandeep Kumar - 9810506899-sandeepkumar@mindagroup.com				Mr. Ravinder (rmamoria@mindagroup.com) & Mr. Nishant Sharma (9780128162)(nishant@mindagroup.com)			
	Director	Mr. Ajay Gupta -9416211802-bkgautomotive@hotmail.com				Mr. Ajay Gupta -9416211802-bkgautomotive@hotmail.com			
	Plant Head	Ranjiv Gausai - 9899100705- bkgautomotive@hotmail.com				Mr. Shashi Tandon			
	MR					Ranjiv Gausai - 9899100705- bkgautomotive@hotmail.com			
	HR/SAFETY								
	MAINTENANCE	Joseph Thomas 9416211803-				Joseph Thomas 9416211803			
	SHOP								

Points Distribution (Consider only applicable points)

Section	Details	Total	Ist Audit	Follow Up Audit
A	Points Applicable to all	8	4	8
B	Other Points as applicable	4	0	4
	Total	12	4	12

Over all Remark : Immediate Action by Management: (Consequence of Hazards with observation)

Section The management should focus on the points marked as NG in the audit score sheet .

- A** Employees may get trapped as smoke may reduce visibility and no illuminated signage's or PA system are available. Mock drills are not conducted to meet major fires. Cartons are stored near stair case and no alternate escape route available from upper floors.
- No trained fire fighter and first aider is available to for responding quickly to meet any emergency
- B** In the absence of Fire detection and alarm system, the small fire may not be noticed in time. There are no hose reels and hydrant system available.



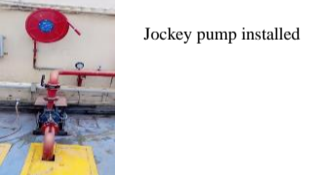


A-Points Applicable to all	A-TOTAL		Ist Audit		Follow Up Audit :				
	OK	NG	OK	NG	NA	OK	NG	NA	
	8	4	4	4	0	8	0	0	
Description	Evaluation								
	14/Dec/17	2 Feb 19 & 18 Dec 19							
	Ist Audit	Follow Up Audit							
A	A-Points Applicable to all	OK/NG/NA	OK/NG/NA	Observation Comments		Recommendation		Follow up Observation	Follow up Observation
1	Are all areas clean and tidy (5S Being maintained properly) Flammable/combustible material kept separate from source of ignition/heat/electrical panel. Is Smoking zone available & followed?	OK	OK	5S responsibility chart is not available		Zone wise 5S responsibility chart is to be prepared		5-S responsibility chart was available and plant having good house keeping maintained. But smoking traces was observed at terrace area.	Smoking traces was not observed in plant.
2	Are electrical wiring /fitting in good condition (No chance of short circuiting near the combustible material storage area)?	OK	OK	Electrical system check list available		Date of checking shall be mentioned with signature. Resistance of earth pits shall be measured. Double Earthing shall be provided on medium voltage equipment. SLD to be prepared and electrical load on each phase shall be counter checked. Lightning arrester to be provided with separate Earthing. Rubber mat in front of panels shall be electrical grade. Double Earthing shall be provided for plastic dana storage metallic racks/pallets. Rod Heater shall be provided with ELCB and tank shall be earthed		Electrical wiring & fitting was in good condition except in cutting scrap area where electrical switches was observed behind the bags. Electrical mats of required IS 15652 was available in front of electrical panel. Need to cover all electrical panel area. Dressing of electrical wiring in tool room shed.	Electrical mat available.

3	Is Hot work permit system available/adequate and followed properly & proper check point in place like:- a) No flammable material kept near hot work area? b) Keep Fire Extinguisher ready during hot work c) Monitoring of the area & d) Provision of flashback arrestor in gas cutting set.	NG	OK	Hot work permit shall be prepared and followed. NRV not provided on nozzle burning LPG torch	Hot work permit format shall be prepared incorporating precautions to be taken before start of work, during the work and post completion of the work. Clearly indicating the responsibilities of person authorizing the job and persons performing the job	Hot work permit system was available.			
4	Are enough number & appropriate type of Fire extinguishers provided & maintained in good working condition? (Fire Extinguisher should be available within 15 mtr in low & moderate hazard or in each 200 M2 & within 10 mtr radius or in each 100 M2 in High hazard or as per IS 2190)	OK	OK	13 no's fire extinguishers provided.	Some additional fire extinguishers in storage area and office area shall be provided. Monthly/Quarterly/ Annual testing of fire extinguishers is to be done as per IS 2190	21 No's of fire ext. was installed .	22 fire ext. and 9 modular fire ext. installed.		
5	Are Certified trained fire volunteer and First aider /security staff (Minimum 10 % of total employee) available in 24X7? (As per State Factory Rule)	NG	OK	There are no trained fire fighter and first aid trained person list available. However, some persons know the operation of fire extinguishers with experience	Fire fighting and First aid training to be arranged and record of training to be maintained	7 no's of fire volunteer list was available trained by M/s United Manufacturing Co. Certified first aider was not available in plant.	7 fire fighter & 18 no's of first aider trained from certified agency on 25/04/19.		
6	Are periodic Firefighting drills by using fire extinguishers and other firefighting equipment being conducted? (i.e. once in every period of 2 month or once in 3 month as per State Factory Rule)	NG	OK	No fire drills are done	To be done every 2 months	Fire drill was not conducted.	Fire drill conducted on 26/02/19		
7	Are emergency exits, signage's (self-illuminated type) & emergency light (with battery backup) available? Are emergency exit routes free from any obstructions & employees aware about this?	NG	OK	No exit signage's provided. Cartons stored near stair case. No alternate escape route available from upper floors	Self illuminated- battery back up type Exit signage's shall be provided in shop floor and storage area. No burnable material shall be stored near stair case. Alternate escape route shall be provided in building		Emergency exit signage's with battery back up was available.		
8	Is Emergency contact number of Maruti Suzuki Fire Station or nearest local fire station readily available to make the call in case of emergency & displayed at prominent places?	OK	OK	Emergency contact number list provided near gate					
B	B-MSIL- Other	B-TOTAL		1st Audit	Follow Up Audit :				
				OK	NG	NA	OK	NG	NA
			4	0	4	0	4	0	0
9	Is Automatic Fire Detection/Alarm system provided & maintained in working condition? (As per National Building Code)	NG	OK	No automatic alarm/detection system is provided	Automatic alarm/detection system to be provided in storage/office areas	No automatic alarm/detection system is provided	Smoke detection system was installed in plant.		
10	Is appropriate Fire suppression system provided & maintained in working condition in High Fire Hazard areas like paint shop, paint & thinner store, gasoline storage, & other similar areas? (As per National Building Code)	NG	OK	No sprinkler/ suppression system is provided	Sprinkler/ suppression system shall be provided in storage area	No sprinkler/ suppression system is provided	9 no's of modular fire ext. was installed.		
11	Is hose reels provided & maintained in working condition? (As per National Building Code)	NG	OK	Hose reels not provided	Hose reels shall be provided	Hose reels not provided	Hose reels installed.		
12	Is Fire Hydrant System provided with dedicated fire water tank & maintained in working condition? (As per National Building Code)	NG	OK	Fire hydrants with dedicated overhead and underground water tanks not provided	Fire hydrants with dedicated overhead tank of 20000 lit and underground water tank of at least 100000 lit to be provided	Fire hydrants with dedicated overhead and underground water tanks not provided	(25 X 4 no's) total 100 kl u/g water tank interconnected was available.		

Note: All other applicable statutory requirement with respect to Fire & safety needs to be complied & obtain Fire NOC

S.No	List of Document to be verified	(Yes/No/ NA)
1	Fire NOC	Yes
2	5-S Responsibility chart & check sheet	Yes
3	Work permit Record	Yes
4	Fire Extinguisher Check sheet	Yes
5	Certified , trained Fire volunteer and First aider list	Yes
6	Fire drill Record	Yes
7	Emergency Contact no.	Yes
8	Fire Hose Reel Check sheet	Yes
9	Fire hydrant system Check sheet	Yes

S.No	Testing Emergency Response team & Fire Fighting Equipment's working Insert Photo	Yes/No/ NA (Not Available)
1	Fire Extinguisher Operation	Yes
2	Fire Hydrant & hose Reel System operation	Yes
3	Fire Pump (Jockey, Main & DG pump) operation	Yes
4	Smoke Detector	No
5	Fire Alarm & evacuation	Yes
6	Emergency awareness among employee by interview	Yes

1. Fire Extinguisher Operation Photo	Fire Hydrant & hose Reel System operation	3. Fire Pump (Jockey, Main & DG pump) operation	4. Smoke Detector test	Fire Alarm & evacuation
		 Jockey pump installed	 Manual And auto alarm system installed.	 Manual And auto alarm system installed.