Form No: CRA036	Issue No: 1	Catena GENERAL RISK ASSESSMENT
Risk: Batteries and Chargers	Date: 09/23	

Company	Catena Inspection & Engineering Services Ltd	Location	Brookhill Road, Brookhill Industrial Est. Pinxton Nottinghamshire NG16 6NS

Type of Assessment	Tick	Initial Assessment Date	Review Period (Months)	Planned Review Date	Assessed By
Site Specific		21/09/26	12	Refer to page 3	K Moss
Generic	✓	Name of Supervisor / Person Responsible			*Assessment Reference*
Review		Kat Moss			CRA036

Persons at Risk	Person(s) Undertaking Task	✓	Other Site Staff	✓	Public	
Description of work activity being assessed	*Batteries and Chargers*					

Task / Hazard	1	Sev.	Lik.	R.R.
Explosion from heat source igniting hydrogen gases		3	2	6
		Risk (No Controls)		
		Medium		

Ref.	Control Measures Required *Are the following controls in place*	Yes	No
a	All battery charging must be carried out in well ventilated areas	✓	
b	Before connecting / removing battery charging leads from battery ensure the charger is turned off	✓	
c	Do not charge batteries at rates in excess of manufacturers recommendations	✓	
d	Ensure all tools / loose components / metal jewellery / wrist watches are kept clear of batteries to avoid them short circuiting the battery terminals	✓	
e	Do not overfill battery cells	✓	
f	Do not charge any batteries that show visual signs of damage	✓	
g	Discarded / scrap batteries must be stored in well ventilated areas and away from any source of ignition	✓	
	Residual Risk Assuming ALL controls in place	**Low**	

Task / Hazard	2	Sev.	Lik.	R.R.
Electrocution from battery charging activities		3	2	6
		Risk (No Controls)		
		Medium		

Ref.	Control Measures Required *Are the following controls in place*	Yes	No
a	Battery charger to be examined at regular intervals *(PAT Test)*	✓	

Risk Selection Criteria

Severity Range	3 = Major	2 = Serious	1 = Slight
Likelihood	3 = High	2 = Medium	1 = Low

Risk Ratings

High	Medium	Low
9 -7	6 -4	3 -1

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Ref.	Control Measures Required (Continued) *Are the following controls in place*	Yes	No
b	Prior to using battery charger carry out a visual inspection	✓	
c	Any battery charger or associated equipment which is damaged should be clearly marked, removed from site until repaired / replaced	✓	
d	Adequate fuse / RCD cut off protection to be provided	✓	
e	Only trained staff to carry out battery charging	✓	
f	Special care / precautions to be taken when charging batteries in situ at external areas, i.e. Wet, tripping hazard from cable, security / tampering	✓	
	Residual Risk Assuming ALL controls in place	**Low**	

Task / Hazard	3	Sev.	Lik.	R.R.
Spillage / Leakage		2	2	4
		Risk (No Controls)		
		Medium		

Ref.	Control Measures Required *Are the following controls in place*	Yes	No
a	Any batteries showing visual signs of damage / leakage to be discarded	✓	
b	Adequate Personal Protective Equipment (PPE) to be provided and used when handling / dispensing / electrolyte *(See PPE Assessment)*	✓	
c	All battery acid to be stored safely and in approved containers clearly marked, *(See COSHH Assessment)*	✓	
d	All batteries to be stored / disposed of in a safe manner	✓	
e	All battery acid to be dispensed in accordance to manufacturers recommendations, using an approved container	✓	
	Residual Risk Assuming ALL controls in place	**Low**	

OVERALL RISK OF CARRYING OUT THIS TASK		
Highest Risk Before Controls in Place	**Highest Residual Risk after controls**	If the Residual risk after control measures are in place, is HIGH **DO NOT UNDERTAKE THIS TASK**
HIGH	**LOW**	

Risk Selection Criteria

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Ref	Action(s) Required	Can task continue		Date Actioned	Initial
		Yes	No		

PPE Requirement (Please ✓) *Refer to PPE Assessment for PPE Standards*								
Hard Hat	Glasses / Goggle	RPE	Ear Defenders	Overalls	Hi Vis Vest	Gloves	Barrier creams	Foot Protection
	If required		If required	✓		✓	✓	✓
Safety Harness	Safety Goggles							
	If required							

SIGN OFF					
Author			Catena Inspection & Engineering Services Ltd.		
Print Name	Signature	Date	Print Name	Signature	Date
K Moss	K Moss	21/09/26			
ASSESSMENT REVIEW					
Author			Catena Inspection & Engineering Services Ltd.		
Print Name	Signature	Date	Print Name	Signature	Date

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BRIEFING RECORD					
I confirm that I have read / I have had the contents of this risk assessment explained to me. I confirm that I agree to work to the requirements of this assessment, and I will use all control measures identified in this assessment. I will also raise any concerns to my line Manager / Supervisor if this risk assessment requires amending to suit any unforeseen circumstances.					
Date	**Print Name**	**Signature**	**Date**	**Print Name**	**Signature**

SEVERITY RATINGS	
Slight (Marginal)	The hazard may either be controlled, or would commonly result in less than minor, illness, injury or system damage.
Serious (Moderate)	The hazard may commonly cause severe injury or illness or major system damage, requiring immediate corrective action.
Major (Critical)	The hazard may commonly cause death or major system loss, requiring immediate cessation of the unsafe activity or operation.

LIKELIHOOD RATINGS	
Low (Improbable)	Unlikely but possible to occur during standard operations
Medium (Occasional)	Likely to occur sometime during standard operations
High (Probable)	Likely to occur often during standard operations

Risk Selection Criteria

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Risk Ratings

High	Medium	Low
9 -7	6 -4	3 -1