

## Appendix C10 – rev. 1

### Environmental Management System

#### 1. Environmental Management System (EMS)

The installation has operated an EMS accredited by a third party to ISO 14001 since 1999. The installation is currently working to the 2015 version of the standard.

#### 2. Policy

The company has a combined health, safety, environmental, energy and quality policy, this is copied on the final page of this appendix. A copy of the company's energy policy is submitted in appendix C6. In addition to holding the ISO 14001, the company holds third party accredited certification for ISO 45001 (Health& Safety), and ISO 50001 (Energy)

#### 3. EMS Manual

The company has an EMS manual, currently revision 5, dated 21<sup>st</sup> June 2021.

#### 4. EMS Procedures.

Table 4.1 – EMS Procedures.

Procedure No	Procedure Title	Date	Issue/ Revision
ENV001	Communications & Complaints	Jan 18	rev 4
ENV002	Identification, assessment and control of Environmental Aspects	31 May 17	rev 7
ENV003	--	--	--
ENV004	Non-Compliance & Preventative and Corrective Action	22.09.10	rev 4
ENV005	Waste Management	24-10-13	Rev 5.1
ENV006	Waste Water Treatment	20.07.00	Rev 2
ENV007	Monitoring and Measurement of Significant Aspects	5-Jan 18	Rev 7
ENV008	EMS Document Control	5 Jan 18	rev 5
ENV009	EMS Audit and auditor requirements	5 Jan 18	rev 6
ENV010	-	-	
ENV011	Distribution of records	20.02.99	i1 r1
ENV012	-	-	
ENV013	Environmental roles and responsibilities	12 Jan 15	rev 2.1

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ENV014	Training	5 Jan 18	rev 5
ENV015	Routine Waste Disposal	01.10.20	Rev 2
ENV016	Sample Hazardous Waste Note	-	-
ENV017	Routine Wastes Disposal	15 Oct 14	Rev 1
ENV018	Supplier and Contractor Assessment and Control	5 Jan 18	Rev 5
ENV019	LAPPC Permit	01.10.20	Rev 4
EP020	Sample Hazardous Waste Transfer Note	24.10.13	WMC2 ver 3, (Aug11)

#### 5. Environmental risk assessments

In the terminology of ISO 14001 these are aspect assessments which assess the risk of impact, good or bad, on the environment. The company maintains an assessment for each process or area as appropriate.

**Table 5.1 list of Environmental aspect assessments**

Ref	Area / Process	Site
EA 001	Heat Treatment and Shotblast: Assessment and Operational Control	Foundry
EA 002	Moulding and Coreshop: Assessment and Operational Con.	Foundry
EA 003	Storage Yard: Assessment and Operational Control.	Foundry
EA 004	Linac: Assessment and Operational Control.	Foundry
EA 005	Welding, gouging and stores: Assessment and Op. Control	Foundry
EA 006	Finishing Production Area : Assessment and Operational Control	Foundry
EA 007	Site Boundary : Assessment and Operational Control	Foundry, Jubilee, Melville St
EA 008	Methoding : Assessment and Operational Control	Foundry
EA 010	Pattern Making : Assessment and Operational Control	Jubilee

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EA 011	Metal Proving Services Ltd ( Jubilee Site) : Assessment and Operational Control	Jubilee
EA 012	Melville Street Site Assessment and Operational	Jubilee
EA 014	Jubilee Site : Assessment and operational control (Pattern-making, MPS activities and Radiography have there own assessments)	Jubilee
EA 015	GSC Products : Assessment and Operational Control	Jubilee and Foundry
EA 016	Offices : Assessment and Operational Control	Jubilee and Foundry
EA 017	Maintenance : Assessment and Operational Control	Jubilee and Foundry
EA 018	Suppliers, including contractors : Assessment and Operational Control	Jubilee and Foundry
EA 019	Distribution : Assessment and Operational Control	Jubilee and Foundry
EA 020	Melting and refining : Assessment and Operational Control	Foundry
EA 021	Spectro and QA Lab : Assessment and Operational Control	Foundry
EA 022	Cooling Towers : Assessment and Operational Control	Foundry
EA 024	MISC – Car Park, Pest Control, Janitorial	Jubilee and Foundry

## 6. Environmental Policy

POL001 - Management Policy

Environmental, Health, Safety, Energy and Quality Page 1 of 1

Goodwin Steel Castings Ltd (The Company) is a subsidiary company of Goodwin PLC. It operates as a foundry manufacturing steel and nickel alloy castings. The process includes the production of liquid metal, casting into sand moulds, processing and inspection of these castings. Components weigh from a few kg up to 40,000kg.

Its objectives and strategy are aligned with those of Goodwin PLC in relation to cast products.

The Group's main objective is to have a sustainable long term engineering based business with good potential for profitable growth while providing a fair return to our shareholders. The company's strategic direction flows from this objective.

The nature and scale of its Environmental, Health, Safety, Energy Quality and manufacturing risks are those associated with the foundry process. Goodwin Steel Castings recognizes that the control or elimination of these risks are an essential element in the operation of a successful and sustainable business.

- The Company's management system shall ensure all operations comply with relevant legislation and regulations and to all other requirements which the company may adopt, including consistently meeting the needs and expectations of its stakeholders and customers.
- The appointed management representatives shall ensure the company's operations meet the requirements of this policy. The company will provide the necessary mechanisms and resources to achieve this.
- By identifying objectives and setting targets the company is committed to an economically viable, sustainable and continual improvement in our environmental, health, safety, energy and quality performance.
- The senior management has overall responsibility for the elimination or control of environmental, health, safety, energy and quality risk within the company. Directors, managers and supervisors have the responsibility to manage these activities accordingly as part of their duties.
- All employees at every level in the company are required by law to co-operate with the company and to take reasonable care in all matters connected to health and safety.
- The Company will consult with employees, and encourage participation, on matters affecting health and safety, this will include the facilitation of work's health and safety representatives.
- The company shall provide the necessary mechanisms and resources to identify and control the company's environmental & Energy impact so as to protect the environment reduce energy consumption and to prevent pollution. In the context of the company:
  - How the company uses raw materials and natural resources;
  - How the company uses energy;
  - Emissions to air from buildings and process vents;
  - Waste & Energy management, minimization and reuse and by using best available techniques;
  - Ensuring all staff are trained in energy awareness and energy saving, including at home;
- The Company will identify the risks to health and safety from its operations, not only to its employees but to others who can be affected by its operations, goods and services. These risks will be eliminated or reduced and / or managed as far as is reasonably practicable through:-
  - The identification and implementation of appropriate systems of work;
  - The provision and maintenance of appropriate plant;
  - The organization of the workplace including means of access and egress;
  - The provision of facilities and arrangements for welfare at work;
  - Ensuring the company actively manages heating, cooling, air-conditioning, ventilation and lighting, so as to avoid waste;
- It is recognized that a vital part in achieving the aims of this policy is the provision of information, instruction, training and supervision to employees and, as applicable, to other persons.
- This policy and the company's Environmental, Health, Safety, Energy and Quality performance is reviewed annually at management review. The results of audits and performance measurement feedback will guide this review and aid the planning of improvement targets.
- This policy shall be displayed on the company's applicable noticeboard, available on the company's intranet and be provided to any interested party on request.

*Bernard Goodwin*  
Managing Director  
Goodwin Steel  
Castings

CHECK WITH QA DEPT OR ON GSC INTRANET FOR LATEST VERSION - VALID ONLY ON DATE PRINTED (13-APR-2022)