	QEHS Manual			
Document #	Last Revised	Revision	Author	Approver
QM-0001	5/30/2021	3.3	A. Currado	K. Schmid

This Quality, Environmental, Health and Safety (QEHS) Manual has been developed to drive the organization towards standard systems and procedures in accordance with principles of ISO / TS 16949 and push our culture beyond standard EHS compliance.

Plug Power will apply additional compliance requirements where applicable to meet specific customer requirements as needed and deemed to be value added.


Quality, Environmental, Health and Safety Policy

As being the leader in the hydrogen economy, we are committed to employee safety, environmental health, and work and product quality to ensure working conditions are clean, orderly and safe, and that we are conducting business in an environmentally sustainable manner, protecting the environment and its natural resources. Our commitment is to continue to improve and integrate quality, environmental, health and safety (QEHS) management practices and procedures into our business as we strive to show our customers, employees, shareholders and community that Plug Power creates a positive impact with our commitment to global sustainability and environmental stewardship in all areas of operation.

Plug Power strives to accomplish the QEHS policy by holding itself to the following guidelines:

- 1. A foundational aspect to our operations is legal compliance. Plug Power is responsible for determining and complying with all QEHS regulatory requirements, customer requirements, product specifications, government agencies, regulations, and industry best practices applicable to its operations. As the legal landscape is continuously changing and evolving, we will continue to monitor and update our policy and compliance as appropriate.*
- 2. We actively promote an enterprise wide QEHS culture of caring, accountability, proactivity, learning, transparency and inclusion that applies to Plug Power and all its facilities. Our culture strives to go beyond compliance and customer expectations by creating a heightened awareness of possible issues whether they are potential quality, environmental, health or safety issues. Further, while our procedures, processes, and engineering controls play a critical role in fostering a safe and environmentally sustainable workplace, we understand and promote the idea that our daily behavior plays a crucial role in the effectiveness in the same.*
- 3. For our QEHS policy to be most successful, we must set goals and objectives to address the most significant QEHS impacts and risks resulting from our business operations, services and products, and then act upon them.*
- 4. We also expect and will promote that our contractors and suppliers doing work on behalf of Plug Power or supplying goods to Plug Power will conform to regulatory requirements and meet applicable internal QEHS standards and procedures. Utilizing our Inspection processes through our ERP system along with our 8D problem solving techniques, this provides the corrective actions taken to drive supplier conformity and promote continuous improvement.*
- 5. To emphasize our commitment to our QEHS policy, we will regularly monitor and evaluate our QEHS performance results to demonstrate continual improvement. Per OSHA requirements, we collect incident data and report our Total Recordable Incident Rate (TRIR) on an annual basis. The TRIR is the number of work-related injuries per 100 full time workers during a one-year period. We strive to achieve a TRIR lower than the industry average for our NAICS classification, which is currently 2.0.*

Plug Power leadership has developed and endorses this QEHS Policy. It is the responsibility of every employee to work safely, to adhere to the letter and spirit of this policy and to report practices or conditions which are inconsistent with this policy or which pose recognized or unacceptable risks to human health or the environment. Additionally, every Plug Power leadership member shall promote a workplace climate that enables employees to practice these principles, and actively support implementation of this policy.

	QEHS Manual			
Document #	Last Revised	Revision	Author	Approver
QM-0001	5/30/2021	3.3	A. Currado	K. Schmid

THIS PAGE LEFT INTENTIONALLY BLANK


Company Background:

Plug Power Inc. (Latham, NY) is squarely focused on improving customer productivity – and providing the power to move businesses into the future with cost-effective hydrogen and fuel cell power solutions that increase productivity, lower operating costs and reduce carbon footprints. Plug Power created the first commercially viable market for hydrogen fuel cell technology.

Furthermore, we are building the green hydrogen economy as the leading provider of comprehensive green hydrogen and fuel cell turnkey solutions. Plug Power's innovative technology powers electric motors with hydrogen fuel cells amid an ongoing paradigm shift in the power, energy, and transportation industries to address climate change and energy security, while meeting sustainability goals.

As a result, the Company has deployed over 40,000 fuel cell systems for e-mobility, more than anyone else in the world, and has become the largest buyer of liquid hydrogen, having built and operated a


hydrogen highway across North America. Plug Power delivers a significant value proposition to end-customers, including meaningful environmental benefits, efficiency gains, fast fueling, and lower operational costs. Plug Power's vertically-integrated GenKey solution ties together all critical elements to power, fuel, and provide service to customers such as Amazon, BMW, The Southern Company, Carrefour, and Walmart. The Company is now leveraging its know-how, modular product architecture and foundational customers to rapidly expand into other key markets including zero-emission on-road vehicles, robotics, and data centers. Learn more at www.plugpower.com.

	QEHS Manual			
Document #	Last Revised	Revision	Author	Approver
QM-0001	5/30/2021	3.3	A. Currado	K. Schmid

THIS PAGE LEFT INTENTIONALLY BLANK

Outline / Table of Contents for Quality Manual:

QM-0001 Overview and Outline	General outline. Quality, Environmental, Health and Safety Policy. Corporate signoff.
QM-0002 Document Requirements / Control	Details document hierarchy and naming conventions
QM-0003 Management Responsibility	Management Commitment Customer Focus Internal Communication
QM-0004 Customer Operations	Sales, Product Management, Applications Engineering Customer Care (Siteview / GenCare)
QM-0005 Design and Development	Product Planning System Requirements Product Validation
QM-0006 Operations and Supply Chain	Sales Order Entry Monitoring, Measurement and Control of Process and Products Design Change Control, Controlling Non-Conforming Product
QM-0007 Hydrogen Infrastructure and Service	Contractor Agreement / Permitting Product Installation
QM-0008 GenDrive Service	Field Verification Testing Product Commissioning Customer Care
QM-0009 GenSure Infrastructure and Service	Contractor Agreement / Permitting Product Installation Warranty Replacement
QM-0010 Human Resources	Employee Life Cycle (Open Position Approval through Separation)
QM-0011 Beyond Compliance	Continuous Improvement – Beyond Compliance

	QEHS Manual			
Document #	Last Revised	Revision	Author	Approver
QM-0001	5/30/2021	3.3	A. Currado	K. Schmid

THIS PAGE LEFT INTENTIONALLY BLANK

This Quality Manual applies to the following Plug Power Inc. locations:

HEADQUARTERS

968 Albany Shaker Road
Latham, NY 12110

INNOVATION CENTER

1025 John Street
West Henrietta, NY 14568

WEST COAST

15913 East Euclid Avenue
Spokane, WA

LATHAM #2

620 Van Patten Drive
Clifton Park, NY 12065

ELECTROLYZERS

1025 John Street
West Henrietta, NY, 14586

AUTONOMUS

180 Authier Street
Montreal QC, CN H4M 2C6

GERMANY/EUROPE

Im Freihafen 8a
47138 Duisburg

CHICAGO

160 Naperville Drive
Romeoville, IL 60446

DAYTON

2038-B South Alex Road
Dayton, OH 45449

Corporate Approval



Andrew Marsh – Chief Executive Officer

5/30/21

Date




Keith Schmid - Chief Operating Officer

5/30/21


Date

Annual approval of this document signifies that all Tier I Quality Manual procedures were reviewed and acknowledged.


	QEHS Manual			
Document #	Last Revised	Revision	Author	Approver
QM-0001	5/30/2021	3.3	A. Currado	K. Schmid

Revision History

Revision	Date	Brief Description of Change	Revised By
1.0	Oct-14	Original document	R. Mason
1.1	Apr-15	Updated to field verification testing.	A.Currado
2.0	Jun-16	Updated with new Quality Policy to reflect Infinite Drive company rebranding.	A.Currado

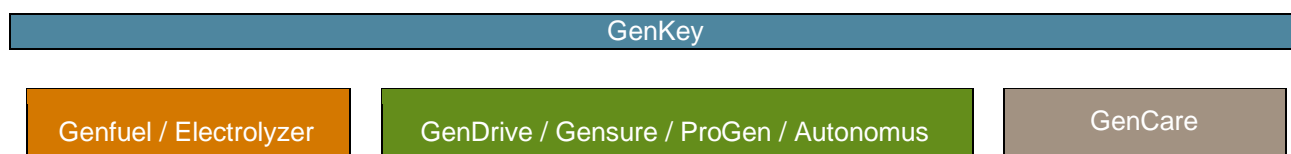
	QEHS Manual			
Document #	Last Revised	Revision	Author	Approver
QM-0001	5/30/2021	3.3	A. Currado	K. Schmid

3.0	Sept – 18	Update signatures per annual approval	A.Currado
3.1	Oct-19	Added Sales, Customer Care under – QM-0004 Added Rochester, Dayton and Chicago locations Added EnergyOr – Vancouver location	
3.2	Jan-2020	Updated to QEHS Manual	R.Mason
3.3	May-2021	Updated QEHS Policy Added Innovation Center, Electrolyzer, Germany, Bldg #2 locations.	A Currado

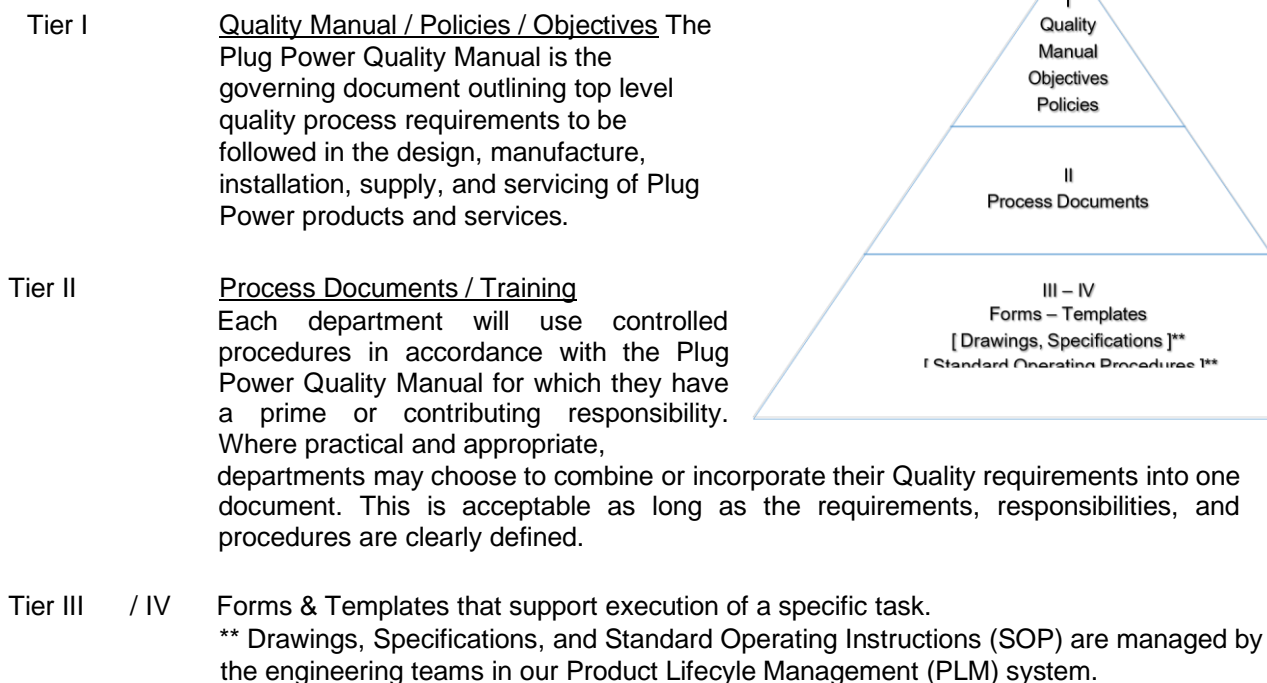
	Documentation Requirements			
Document #	Last Revised:	Revision:	Author:	Approver:
QM-0002	3/15/21	1.4	A. Currado	R. Mason

This procedure identifies the documentation requirements, processes, and practices for the materials, parts, and components to ensure the active product lines meet the quality needed for our customers.

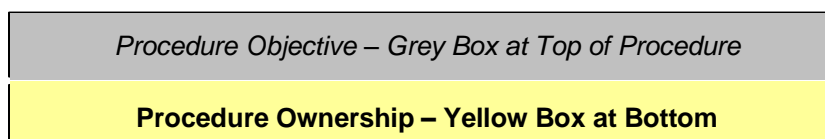
Active Product Lines:



Document Hierarchy:




Standard Procedures Legend:



This procedure will be maintained by the Operations Team

PRINTED COPIES ARE UNCONTROLLED – FOR REFERENCE ONLY

THIS PAGE LEFT INTENTIONALLY BLANK

	Documentation Requirements			
Document #	Last Revised:	Revision:	Author:	Approver:
QM-0002	3/15/21	1.4	A. Currado	R. Mason

Naming Convention:

Tier I thru IV Procedures, Forms and Templates

	Functional Area QM - Quality Manual OP - Operations / Procurement GA - General and Administrative EN - Engineering CO - Customer Operations		0 - General Procedure (Controlled) 1 - Training (Uncontrolled)	3 digit Sequential Procedure Number (Tier I & II)		2 digit Sequential Form Number (Tier III & IV)	Document name	Revision	Rev Date	Save in pdf format or interactive template
Document number	OP	-	X	XXX	-	XX				
File name	OP	-	X	XXX	-	XX	Name	Rev	Rev Date	.pdf

Tier IV Drawings, Specifications and SOPs

Tier IV Drawings, Specifications and SOP's	Ten Digit Number Generated by PLM)	Special Type i.e SOP
Document Number	XXXXXXXXXX	AAA

Control of Documentation:

All documents and data, whether of a hard copy or electronic nature, that relate to the requirements of this Quality System including, to the extent applicable, documents of external origin such as standards or customer drawings, shall be controlled as follows:

- Tier I and II Documents as well as Tier III Forms or Templates saved as a released version in PDF format in "I:\Plug Power\Company Procedures\".
- Tier III Design Documentation and Standard Operating Instructions stored and revision controlled in the product data management system database.

Tier III and IV Records - maintained by each functional department to demonstrate conformance to the referenced procedure. Drawings, Specifications and SOPs are stored with in the PLM system.


Revision History

Revision	Date	Brief Description of Change	Revised By
1	08/01/2016	Initial Release	A.Currado

1.1	08/21/2018	Added ProGen to Active Product Line	A.Currado
1.2	04/01/2019	Improvement to Procedure Naming Convention	A Currado
1.3	09/17/2019	Added PLM Naming Convention	R. Mason
1.4	03/15/2021	Added Electrolyzer to GenFuel Product Line	A Currado

PRINTED COPIES ARE UNCONTROLLED – FOR REFERENCE ONLY

THIS PAGE LEFT INTENTIONALLY BLANK

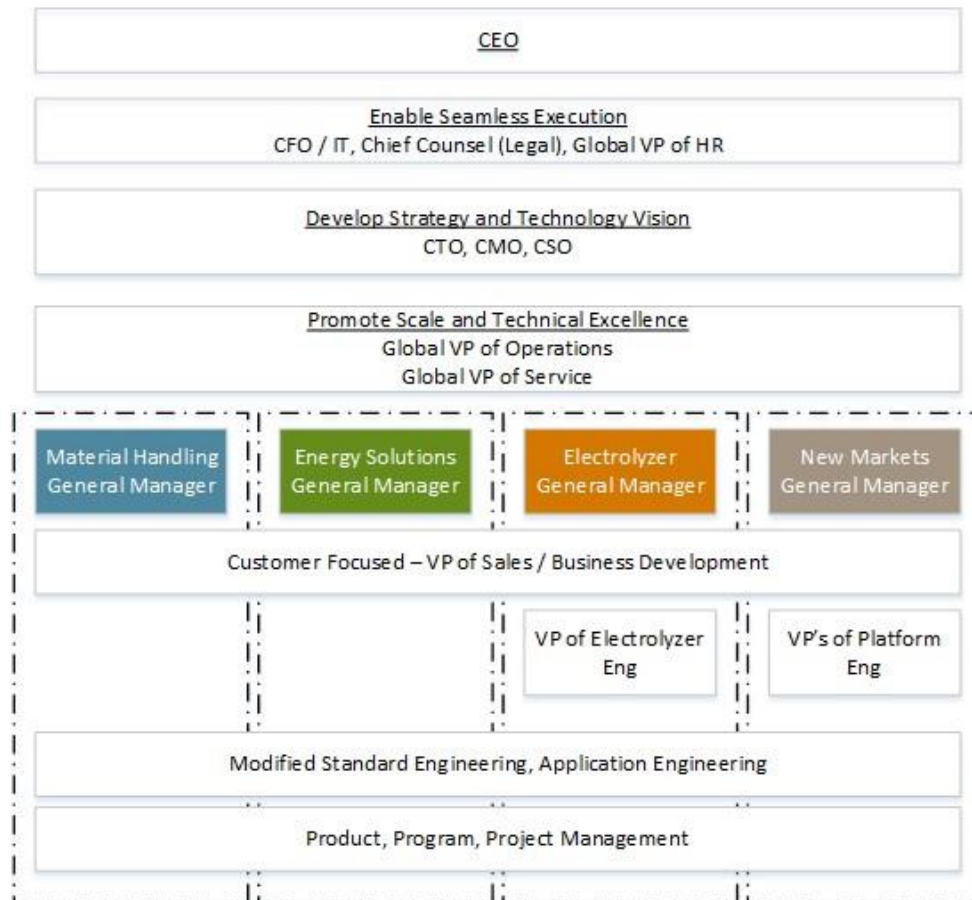
	Management Responsibility			
Document #	Last Revised:	Revision:	Author:	Approver:
QM-0003	5/30/2021	2.4	A. Currado	R. Mason

This procedure defines the executive management oversight and distribution of quality functions for all active products to ensure our commitment to customer focus, cost, quality, reliability growth, the environment and health and safety of our employees.

Management Responsibility:


Through the continuing application and improvement of the distributed quality management system, executive management within all organizations shall ensure that customer requirements are determined and fulfilled with the aim of enhancing customer satisfaction. The success of Plug Power depends on understanding and satisfying customer's current and future needs.

Executive management within all organizations shall ensure that appropriate communication processes are established within the organization and that communication takes place regarding the effectiveness of the quality system. The primary method of communication within Plug Power will be the quarterly all employee meetings, establishment of corporate objectives, staff meetings and one on one communication. Additional cross functional review by product is illustrated in Figure 1.



Procedure Owned By: **Operations**. Printed Copies are Uncontrolled and for Reference Only.

THIS PAGE LEFT INTENTIONALLY BLANK

	Management Responsibility			
Document #	Last Revised:	Revision:	Author:	Approver:
QM-0003	6/30/2021	2.4	A. Currado	R. Mason

Customer Focus:

To satisfy customer needs and expectations, management shall understand the needs and expectations of customers, including those of potential customers, and determine key product characteristics and other points of customer satisfaction. Examples of customer needs and expectations, as related to our system requirements documents, include, but are not limited to:


1. Product safety
2. Codes and standards;
3. Mean Time Between Failures (MTBF);
4. Reliability;
5. Mean Time to Repair;
6. Operating Performance;
7. Environmental Conditions;
8. Price and life cycle costs;
9. Product liability;
10. Environmental impact;
11. Customer Interface;
12. Cost; and
13. Documentation Requirements

Revision History

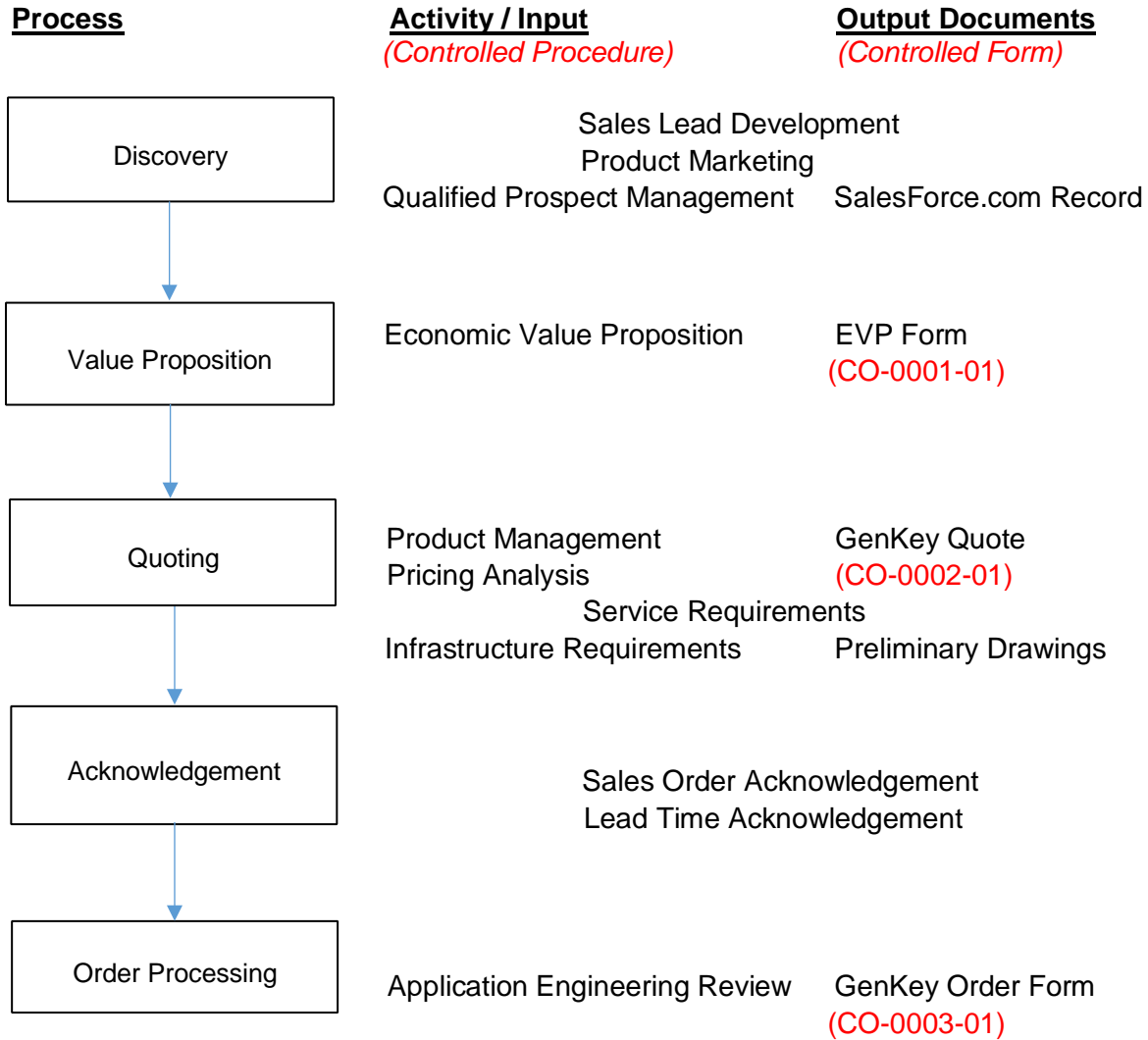
Revision	Date	Brief Description of Change	Revised By
1.0	Oct-14	Initial Release	R. Mason
1.1	Mar-14	Added matrix oversight of VP of Hydrogen.	R. Mason
2.0	May-16	Updated with new branding colors for marketing.	A. Currado
2.1	Feb-18	Updated to include focus Sales VP for each Market	R. Mason
2.2	Oct-19	Updated to include ProGen as new GenKey solution	A Currado
2.3	Jan-20	Including EHS focus.	R. Mason
2.4	May-21	Added Electrolyzer in product Line Updated Organizational structure	A Currado

Procedure Owned By: **Operations**. Printed Copies are Uncontrolled and for Reference Only.

THIS PAGE LEFT INTENTIONALLY BLANK


	Customer Operations			
Document #	Last Revised	Revision	Author	Approver
QM-0004	Apr-15	1.1	R. Mason	K. Schmid

This procedure provides the process guideline for new potential customer leads, identification of what value Plug Power can provide those customers and management of the relationship with new or existing customers.



This procedure will be maintained by the Product Management Team


PRINTED COPIES ARE UNCONTROLLED – FOR REFERENCE ONLY

	Customer Operations			
Document #	Last Revised	Revision	Author	Approver
QM-0004	Apr-15	1.1	R. Mason	K. Schmid

Revision History

Revision	Date	Brief Description of Change	Revised By
1.0	Oct-14	Initial Release	R. Mason
1.1	Apr-15	Added infrastructure requirements to quoting process.	R. Mason

PRINTED COPIES ARE UNCONTROLLED – FOR REFERENCE ONLY

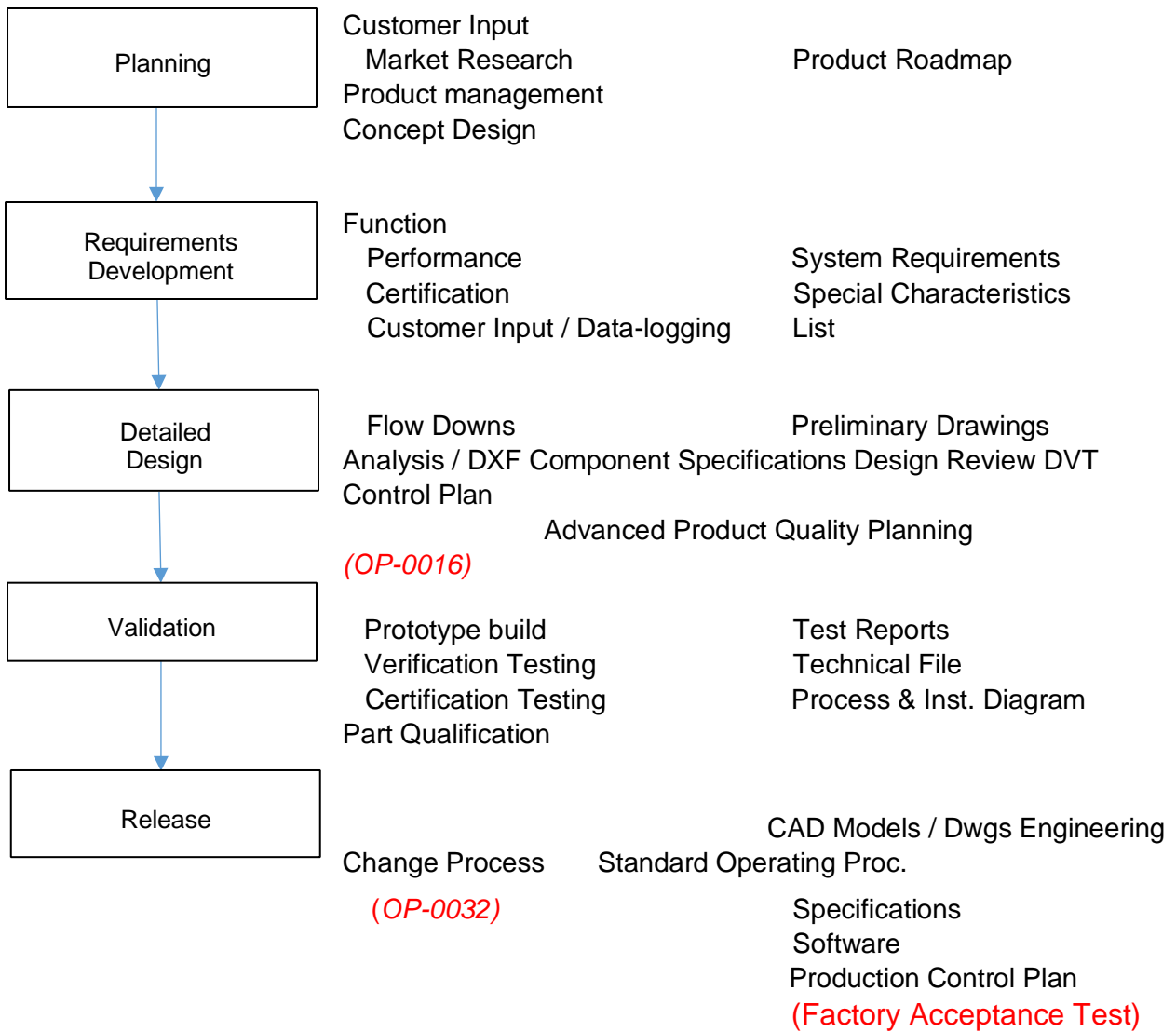
	Design and Development			
Document #	Last Revised	Revision	Author	Approver
QM-0005	Sep-18	2.0	D. Hancock	D. Skidmore

This procedure provides the process guideline for development of all products from initial planning phases around the customer application, identification of key requirements with customer input and translation of these customer asks through detailed documentation that can be released to suppliers and final production.


Process

Activity / Input
(Controlled Procedure)

Output Documents
(Controlled Form)




Procedure Owned By: **Engineering**. Printed Copies are Uncontrolled and for Reference Only.

	Design and Development			
Document #	Last Revised	Revision	Author	Approver
QM-0005	Sep-18	2.0	D. Hancock	D. Skidmore

Revision History

Revision	Date	Brief Description of Change	Revised By
1.0	Oct 2014	Initial Release	D. Hancock
1.1	Dec 2014	Added ECN process control number OP-0032	R. Mason
2.0	Sep 2018	Added updated APQP (OP-0016) from QA-0001 Added Special Characteristics List Added DVT Control Plan Added Production Control Plan (Factory Acceptance Test)	R. Mason

Procedure Owned By: **Engineering**. Printed Copies are Uncontrolled and for Reference Only.

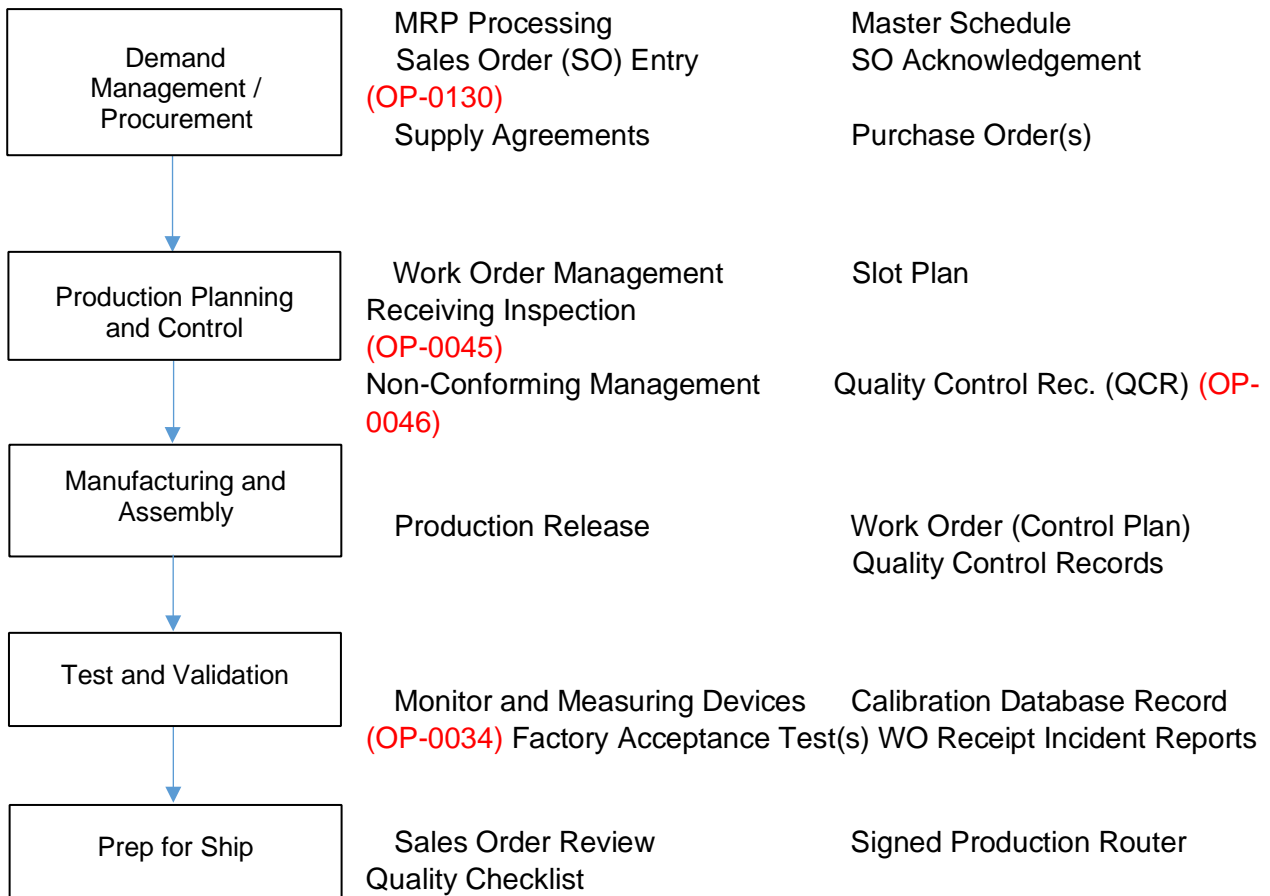
	Operations and Supply Chain			
Document #	Last Revised:	Revision:	Author:	Approver:
QM-0006	Oct-18	1.3	A. Currado	R. Mason

This procedure outlines the management of products, processes, services and supply chain, while controlling the development and utilization of resources needed to deliver the goods and services to our customers.


Process

Activity / Input
(Controlled Procedure)

Output Documents
(Controlled Form)



Procedure Owned By: **Operations**. Printed Copies are Uncontrolled and for Reference Only.

	Operations and Supply Chain			
Document #	Last Revised:	Revision:	Author:	Approver:
QM-0006	Oct-18	1.3	A. Currado	R. Mason

Revision History

Revision	Date	Brief Description of Change	Revised By
----------	------	-----------------------------	------------

1.0	Oct-14	Initial Release	A.Currado
1.1	Dec-14	Added calibration procedure OP-0034	A.Currado
1.2	Mar-15	Added quality checklist to Prep for Ship	A.Currado
1.3	Oct-18	Change Management was duplicated from the Design and Development slide. Removed from this procedure.	R. Mason

Procedure Owned By: **Operations**. Printed Copies are Uncontrolled and for Reference Only.



Hydrogen Infrastructure & Service

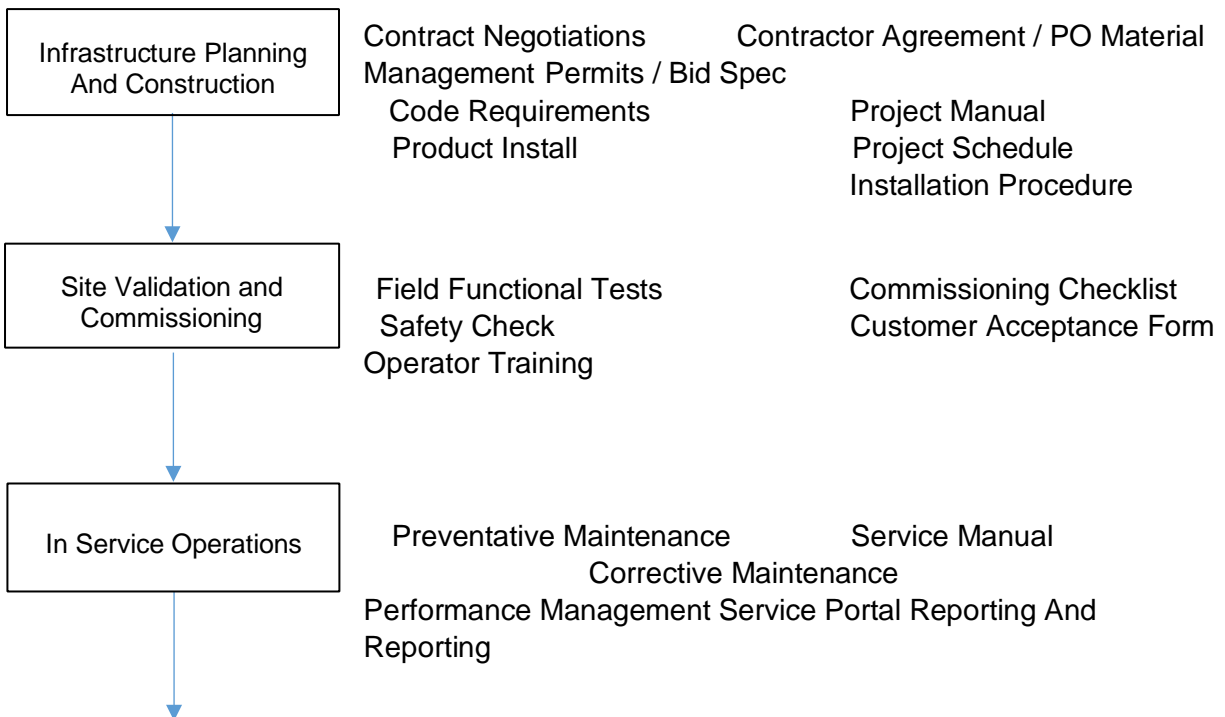
Document #	Last Revised	Revision	Author	Approver
QM-0007	Sept- 19	1.1	A Currado	T Cortes

The objective of this document is to layout the processes for installation and servicing of Plug Power Infrastructure necessary to supply Hydrogen to GenDrive and GenSure systems at the customer site.

Process

Activity / Input *(Controlled Procedure)*

Output Documents *(Controlled Form)*



Storage Preparation


Decommissioning Checklist

Decommissioning

Recycling / Disposal

SDS / Recycling Procedure


Procedure Owned By: **Hydrogen Team**. Printed Copies are Uncontrolled and for Reference Only.

	Hydrogen Infrastructure & Service			
Document #	Last Revised	Revision	Author	Approver
QM-0007	Sept- 19	1.1	A Currado	T Cortes

Revision History

Revision	Date	Brief Description of Change	Revised By
1.0	Oct-14	Initial Release	J.Brown
1.1	Sept-19	Added Hydrogen Infrastructure and operations manual	A Currado

Procedure Owned By: **Hydrogen Team**. Printed Copies are Uncontrolled and for Reference Only.

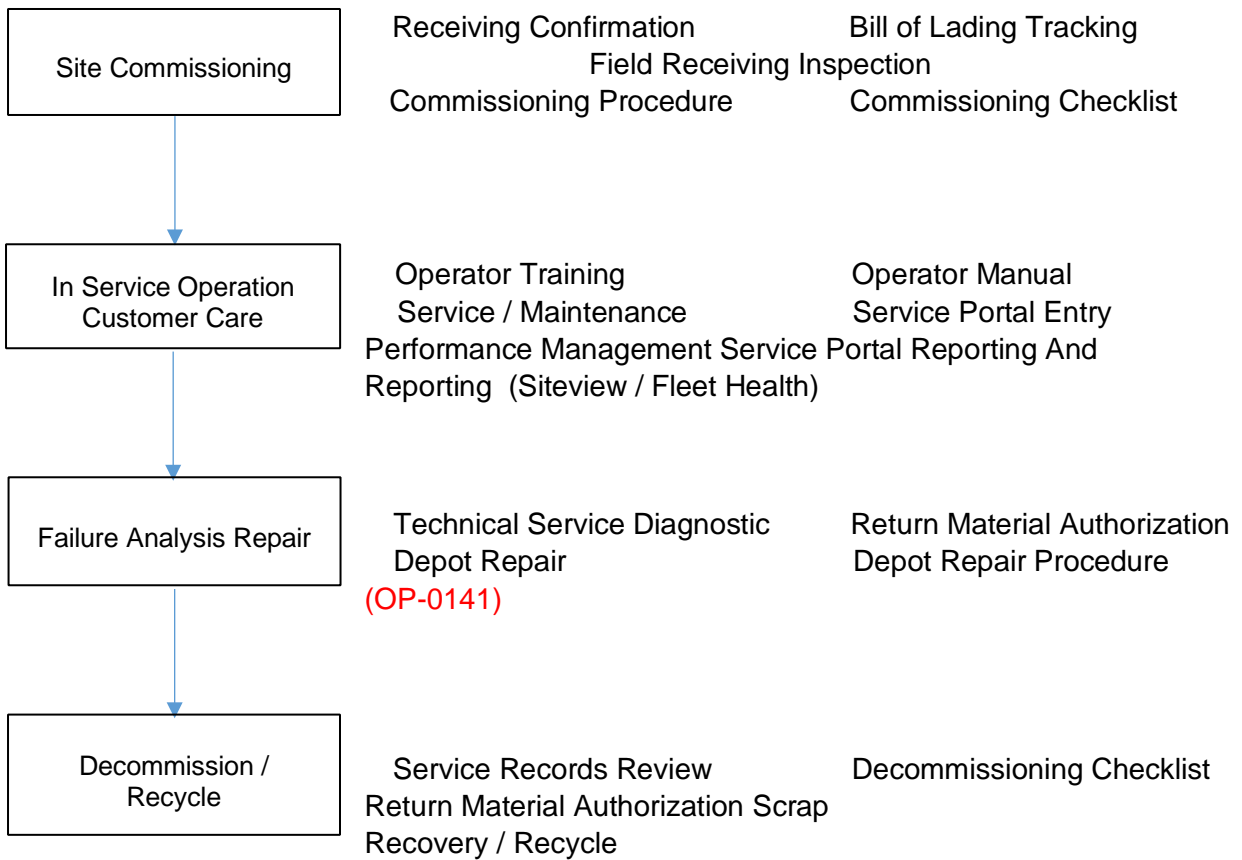
	GenDrive Service			
Document #	Last Revised	Revision	Author	Approver
QM-0008	Sept-19	1.2	J. Brown	C Suriano

The objective of this document is to layout the processes for commissioning, installation and servicing of GenDrive solutions which include commissioning, in service operations, and maintenance necessary at the customer site.


Process

Activity / Input
(Controlled Procedure)

Output Documents
(Controlled Form)



Procedure Owned By: **Service Team**. Printed Copies are Uncontrolled and for Reference Only.


	GenDrive Service			
Document #	Last Revised	Revision	Author	Approver
QM-0008	Sept-19	1.2	J. Brown	C Suriano

Revision History

Revision	Date	Brief Description of Change	Revised By
----------	------	-----------------------------	------------

1.0	Oct-14	Initial Release	J.Brown
1.1	Mar-15	Added service portal to customer care.	J.Brown
1.2	Sept-19	Document number change to reflect GenDrive Service	A Currado

Procedure Owned By: **Service Team**. Printed Copies are Uncontrolled and for Reference Only.

	GenSure Infrastructure & Service			
Document #	Last Revised	Revision	Author	Approver
QM-0009	Oct-19	1.0	J Blanchard	C Suriano

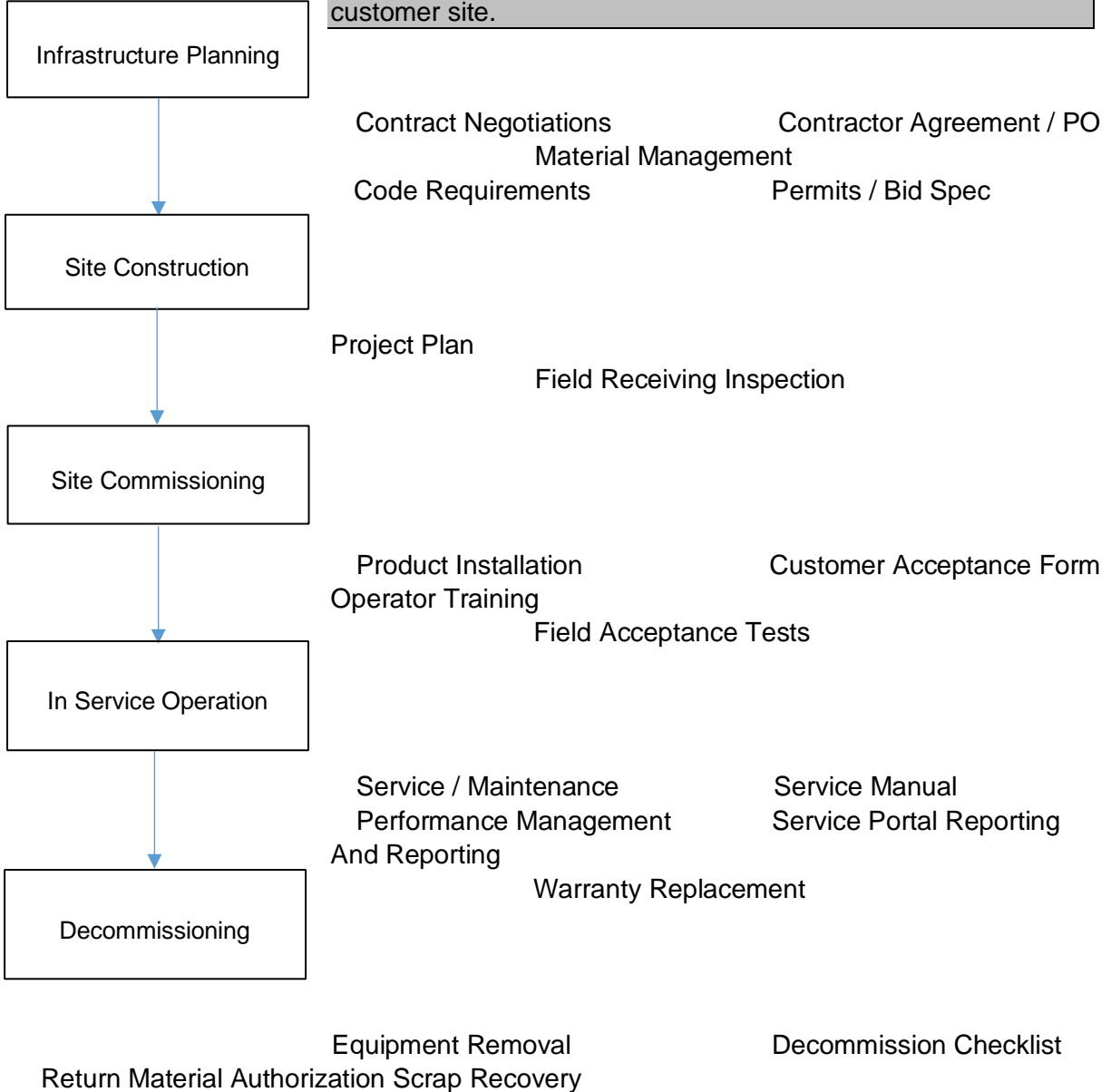
Process



Activity / Input
(Controlled Procedure)

Output Documents
(Controlled Form)

The

objective of this document is to layout the processes for commissioning, installation and servicing of Plug Power stationary solutions which include design, deployment and maintenance of infrastructure necessary to supply stationary GenSure systems at the customer site.



	GenSure Infrastructure & Service			
Document #	Last Revised	Revision	Author	Approver
QM-0009	Oct-19	1.0	J Blanchard	C Suriano
	Human Resources – Employee Life Cycle			
Document #	Last Revised	Revision	Author	Approver
QM-0010	Dec-19	1.0	N Bova	T Kimble

Stationary Service Team. Printed Copies are Uncontrolled and for Reference Only.

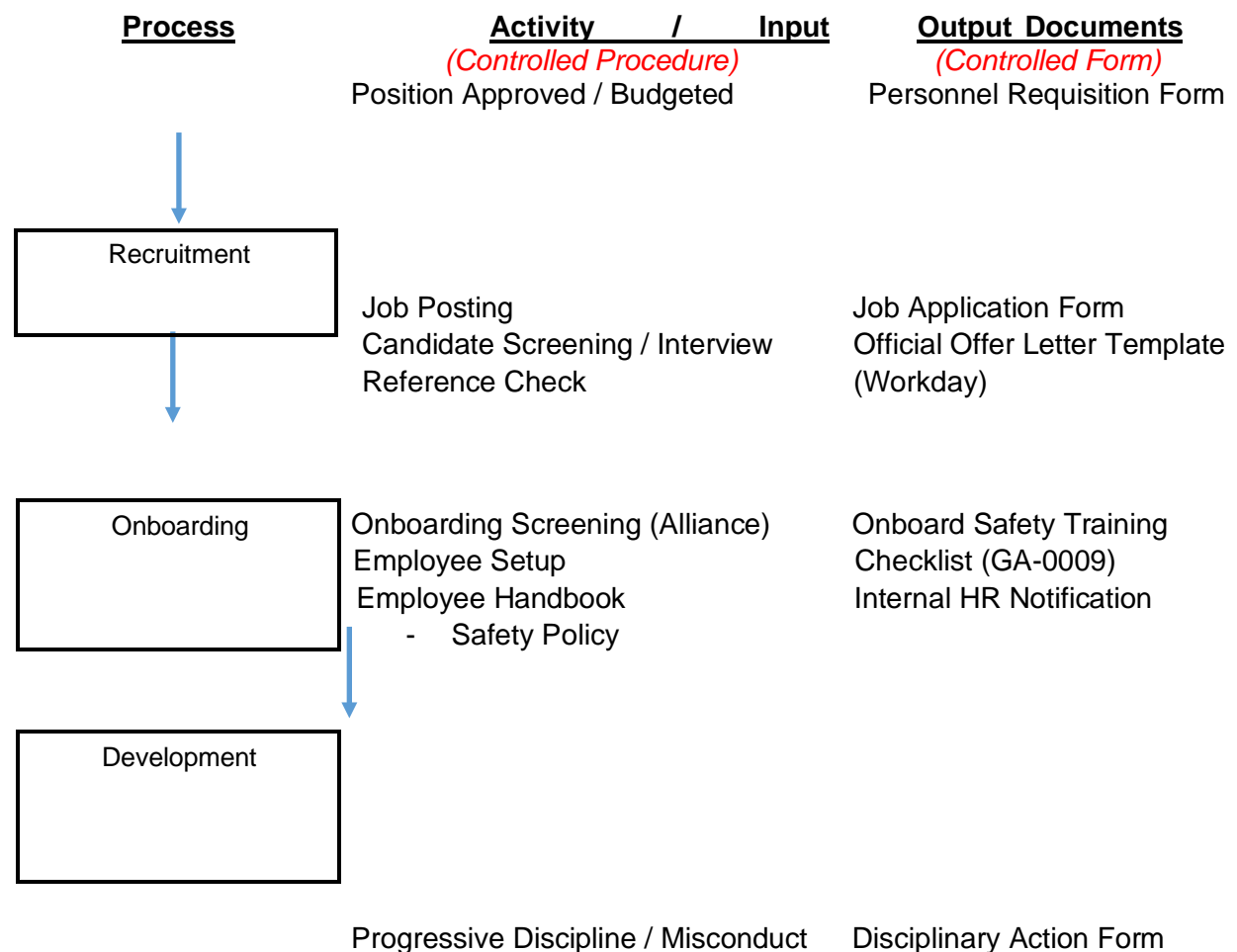
Revision History

Revision	Date	Brief Description of Change	Revised By
1.0	Oct-19	Initial Release	A Currado


Stationary Service Team. Printed Copies are Uncontrolled and for Reference Only.

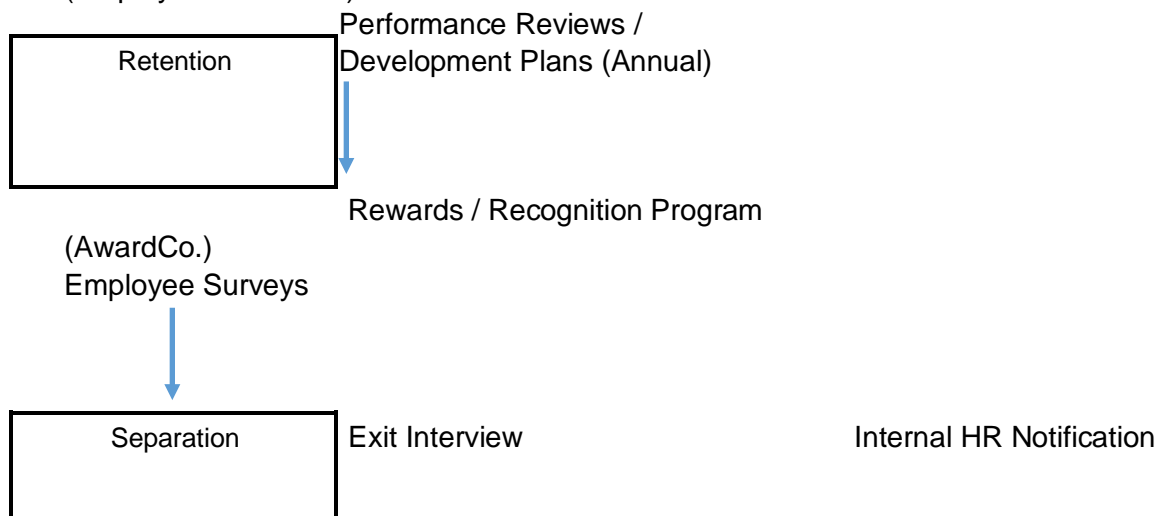
Open Position / Approval

The objective of this process flow is to align the continuum of the employee life cycle with the critical activities needed to ensure compliance with our Quality and EHS guiding principles.



Procedure Owned By:

	Human Resources – Employee Life Cycle			
Document #	Last Revised	Revision	Author	Approver
QM-0010 (Employee Handbook)	Dec-19	1.0	N Bova	T Kimble




Human Resources. Printed Copies are Uncontrolled and for Reference Only.

Revision History

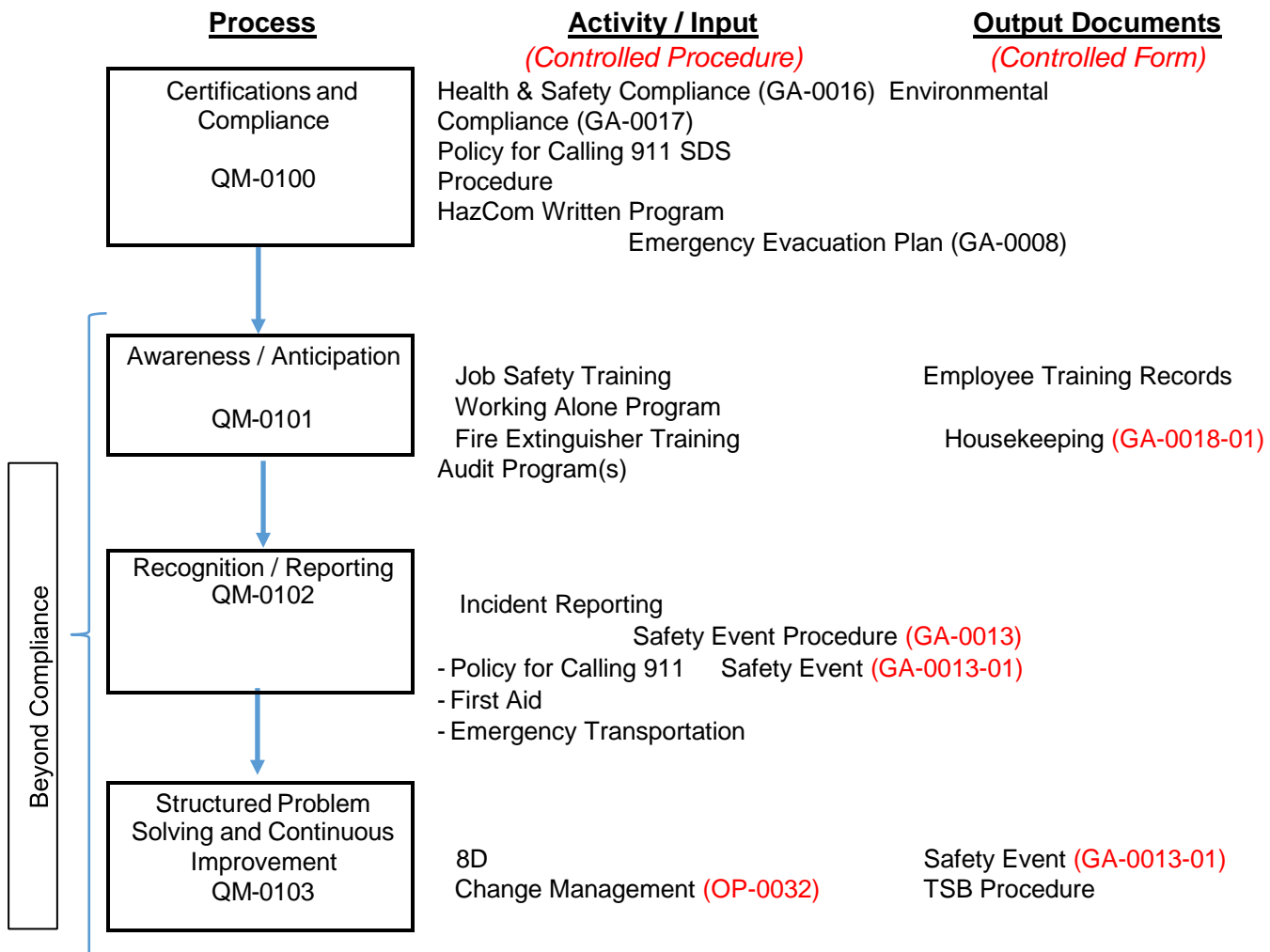
Revision	Date	Brief Description of Change	Revised By
1.0	Dec-19	Initial Release	N Bova

Human Resources. Printed Copies are Uncontrolled and for Reference Only.


	BEYOND COMPLIANCE			
Document #	Last Revised	Revision	Author	Approver
QM-0011	01-09-20	1.1	E Smith	R Mason

Rec

The objective of this procedure is to outline the steps necessary to go beyond EHS compliance and establish a culture of continuous improvement of safe work practices for our employees and the environment.




Procedure Owned By: **EHS Team**. Printed Copies are Uncontrolled and for Reference Only.

	BEYOND COMPLIANCE			
Document #	Last Revised	Revision	Author	Approver
QM-0011	01-09-20	1.1	E Smith	R Mason

Revision History

Revision	Date	Brief Description of Change	Revised By
1.0	Dec-19	Initial Release	N Bova
1.1	01-09-20	Changed Document name and added Evaluation/Investigation and Control and Continuous Improvement	A Currado

Procedure Owned By: **EHS Team**. Printed Copies are Uncontrolled and for Reference Only.

	CERTIFICATIONS AND COMPLIANCE			
Document #	Last Revised:	Revision:	Author:	Approver:
QM-0100	05/30/2021	1.1	A Currado	R Mason

This procedure will outline Plug Powers existing certifications and compliance activity across all products and process including external government agency compliance steps necessary.

Outline

Product

Description	Reference	Cadence	Owner	Comments
Category H Fitting IAW B31.3 and CSA B51	{TSSA Link}	Every system exported to Canada		Audited every 5 years
CE Certification Directive (2014/68/EU)	TUV Link	All systems exported to Europe		
H2 sensor certification (UL)				
DOT Certification (UL) battery				
Pressure vessel certified;	EC 79; NGV2; PED; ISO 19881; ISO/TS 15869	Upon manufacture		Tank are certified depending on application


PRINTED COPIES ARE UNCONTROLLED – FOR REFERENCE ONLY

Pressure vessel leak check	UL 2267			
----------------------------	---------	--	--	--

Process

Description	Reference	Cadence	Owner	Comments
In accordance to IATF 16949	{link to IATF}	In development	R Mason	
SOX			M Hull	Audited by KPMG
Avetta Compliance (for Amazon) ISN Networld Compliance (In Progress)	ID # 173601 ISN # 400-372994	Annual	S Corah	
Conflict Minerals Policy (CMRT)	OP-0150	Annual	A Fitzgerald	

THIS PAGE LEFT INTENTIONALLY BLANK

	CERTIFICATIONS AND COMPLIANCE			
Document #	Last Revised:	Revision:	Author:	Approver:
QM-0100	05/30/21	1.0	A Currado	R Mason


OSHA COMPLIANCE

Description	Reference	Cadence	Owner	Comments
OSHA Reporting: Oral, Written, Annual Summary	29 CFR 1904. 29 OSHA 300 and 300A	Annual	EHS Manager	
Safety Event Policy, Training/Reporting	29 CFR 1904	Upon Occurrence	EHS Manager	GA-0013
Hazard Communication Written Policy and Annual Review	29 CFR 1910.1200	Annual	EHS Manager	GA-0007
Safety Review Policy		Ongoing	EHS Manager Facilities Manager	GA-0004
Contractor Safety Policy and Forms	29 CFR 1900.119	Annual	Facilities Manager	GA-0019 EHS 3010
Chemical Inventory	29 CFR 1910.1200	Ongoing	EHS Manager	
Safety Data Sheets	29 CFR 1910.1200	Ongoing	EHS Manager	
Workman's Compensation	29 CFR 1910.38	Upon Occurrence	HR	
Emergency Evacuation Procedure/Training	29 CFR 1900.36	Annual	EHS Manager Facilities Manager	
Emergency Evacuation Drill	29 CFR 1900.36	Annual	EHS Manager Facilities Manager	
Eyewash and safety shower inspection	29 CFR 1910.141	Monthly	EHS Manager Facilities Manager	
Eyewash and safety shower flow test	29 CFR 1910.141	Annual	Facilities Manager	
Sprinkler System Inspection	29 CFR 1910.159	Annual	Facilities Manager	
Fire Extinguisher Training and Inspection	29 CFR 1910.159	Monthly, Annually	Facilities Manager	
Annual Fire Suppression System Test	29 CFR 1910.159	Annual	Facilities Manager	

PRINTED COPIES ARE UNCONTROLLED – FOR REFERENCE ONLY

Emergency Light Inspection		Monthly, Annually	Facilities Manager	
Fork truck inspections	29 CFR 1910.178	Daily	Fork truck operators	GA-0011
Fork truck training	29 CFR 1910.178	Initial	Facilities Manager	


THIS PAGE LEFT INTENTIONALLY BLANK

	CERTIFICATIONS AND COMPLIANCE			
Document #	Last Revised:	Revision:	Author:	Approver:
QM-0100	05/30/21	1.0	A Currado	R Mason

3-year refresher		3 year follow up		
Description	Reference	Cadence	Owner	Comments
Lockout/Tagout Policy, Training and Inspection	29 CFR 1910.146	Initial Annual	Facilities Manager	
Hot Work Policy	29 CFR 1910.119	As required	Facilities Manager	
Confined Space Policy	29 CFR.1910.146			
Safety and Housekeeping Inspections		Quarterly	EHS Manager Facilities Manager	
Emergency Contact Posting/911	29 CFR 1910.38	As required	EHS Manager	GA-0007
Bloodborne pathogens and medical drill	29 CFR 1910.1030	Annual	Facilities Manager	EHS2010
First Aid Supply Stations	29 CFR 1910.151		EHS Manager	
First Responder Box inspection	29 CFR 1910.151		Facilities Manager	
Monthly AED inspections			Facilities Manager	
Monthly SCBA inspection			Facilities Manager	
Lab sensor calibrations			Facilities Manager	
High Pressure Safety Team			Facilities Manager	
Backflow Preventer check			Facilities Manager	
Facility Mandated Inspections (TBD)	29 CFR 1910.157 29 CFR 1910.35-38; 29 CFR 1910.151C; ANSI Z358.1	Monthly; Annually	Facilities Manager	
Town of Colonie, NY Fire Inspection		Annual	Facilities Manager	

PRINTED COPIES ARE UNCONTROLLED – FOR REFERENCE ONLY

THIS PAGE LEFT INTENTIONALLY BLANK

	CERTIFICATIONS AND COMPLIANCE			
Document #	Last Revised:	Revision:	Author:	Approver:
QM-0100	05/30/21	1.0	A Currado	R Mason

Environmental (EPA, NYSDEC RCRA)

Description	Reference	Cadence	Owner	Comments
SARA title 3 tier 2	EPA Reg-EPCRA Section 312	Annual		
Department of Homeland Security Chemical Reporting		If applicable	EHS and Facilities Managers	Currently have no flagged chemicals
Annual Stormwater Compliance Audit				
Quarterly Stormwater Outfall and Facility Inspection			Facilities Manager	
Waste Coordinators identified		As generated	EHS Manager	Coordinator by location
Annual Hazardous Waste Training		Annual	EHS Manager	
Hazardous and Non-Hazardous Waste Disposal			EHS Manager	
Weekly Inspections				
Internal Audits/NYSDEC inspection		Annual		

Transportation

Description	Reference	Cadence	Owner	Comments
Emergency Contact Notification	USDOT 49 CFR 172.604	All Hazmat shipments		CHEMTREC
Fleet Safety-Driver Qualification				
Medical Evaluations				
DOT Registration for Company trucks				

This procedure will be maintained by the QEHS Team.




CERTIFICATIONS AND COMPLIANCE

Document #	Last Revised:	Revision:	Author:	Approver:
QM-0100	05/30/21	1.0	A Currado	R Mason


Revision History

Revision	Date	Description of Change	Revised By
0.0	09/03/20	New Document	A Currado
1.0	03/17/21	Added Conflict Minerals (CMRT) to process compliance	A Currado

	CERTIFICATIONS AND COMPLIANCE			
Document #	Last Revised:	Revision:	Author:	Approver:
QM-0100	05/30/21	1.0	A Currado	R Mason

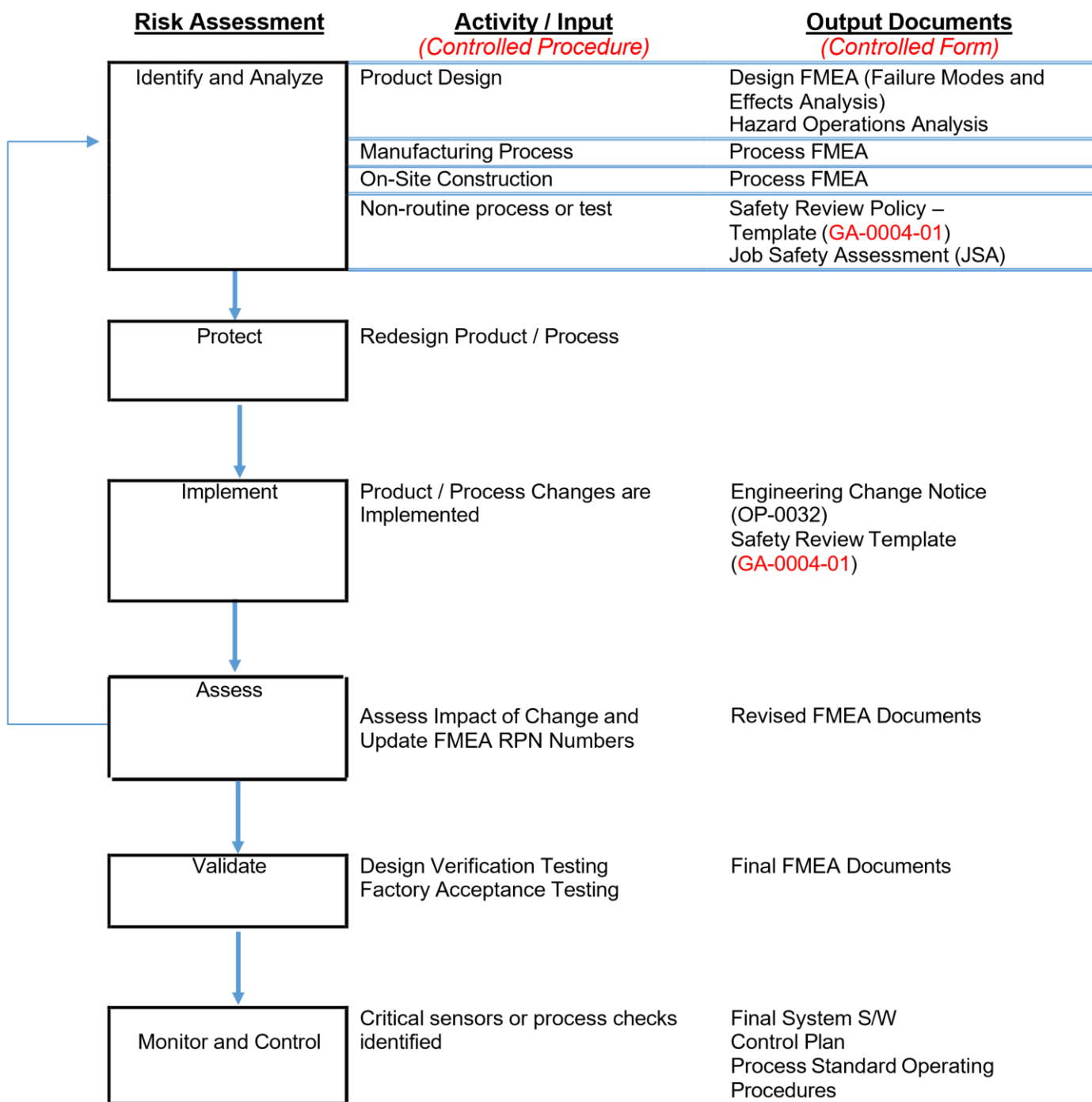
PRINTED COPIES ARE UNCONTROLLED – FOR REFERENCE ONLY

PRINTED COPIES ARE UNCONTROLLED – FOR REFERENCE ONLY

	Awareness and Anticipation			
Document #	Last Revised	Revision	Author	Approver
QM-0101	Mar-20	2.0	A Currado	R Mason

The objective of this procedure is to outline the additional measures taken to anticipate quality, environmental, health and safety high risk areas, provide awareness to the teams and to develop counter measures to mitigate the risks.


All Plug Power Products, Manufacturing Processes, On-Site Construction Processes, and non-routine tasks are required to follow the appropriate risk assessment process.



Procedure Owned By: **EHS Team**. Printed Copies are Uncontrolled and for Reference Only.

Revision History

Revision	Date	Brief Description of Change	Revised By
1.0	Dec-19	Initial Release	A Currado

		Awareness and Anticipation			
Document #		Last Revised	Revision	Author	Approver
QM-0101		Mar-20	2.0	A Currado	R Mason
2.0	Mar-21	Revised to cover construction process hazard awareness via a standardized failure modes and effects analysis.			A Currado

Procedure Owned By: **EHS Team**. Printed Copies are Uncontrolled and for Reference Only.

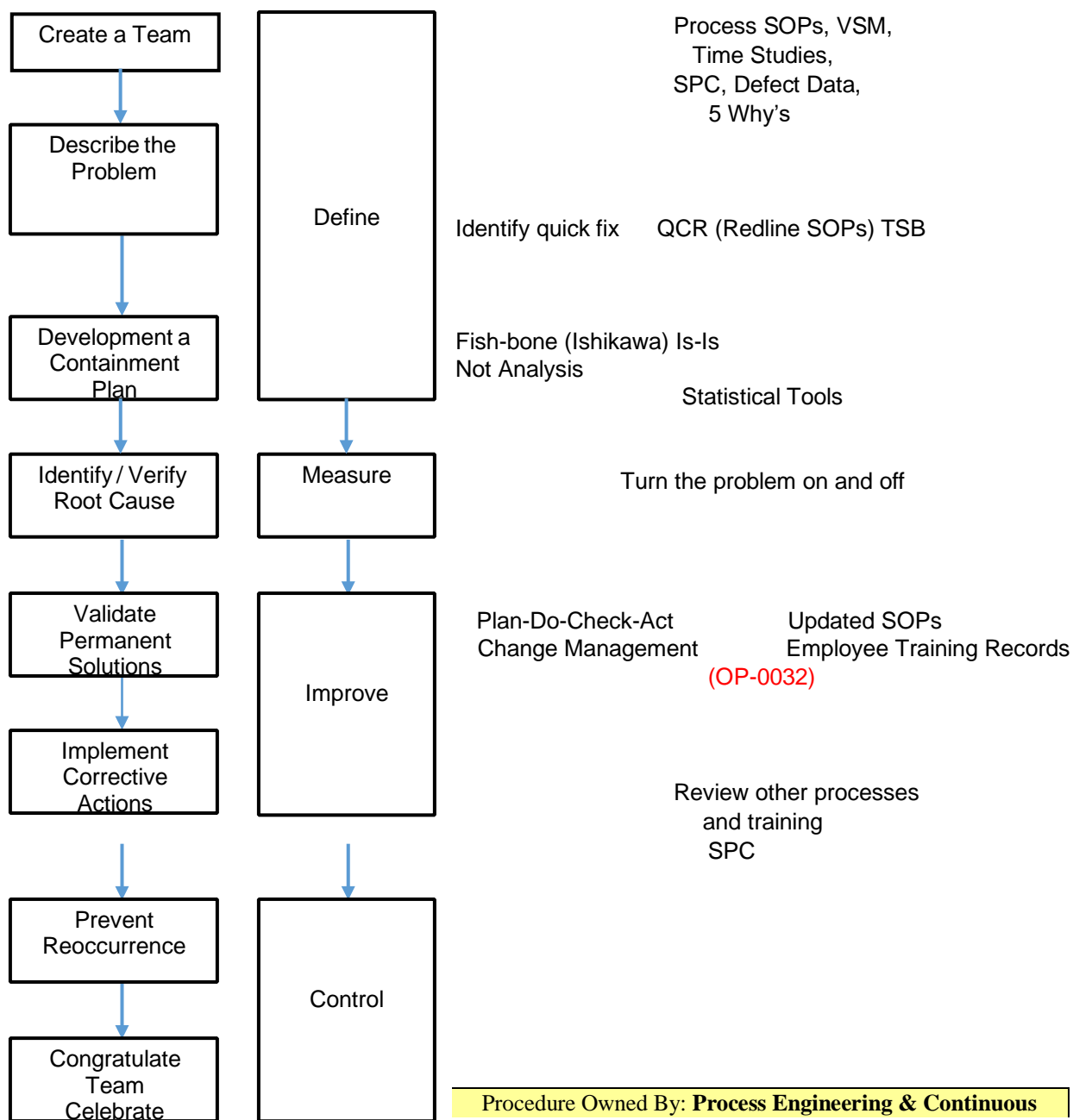
The objective of this procedure is to outline the steps necessary to go beyond compliance and establish a culture of containing defects and continuous improvement. Plug Power produces products that exceed our customer's expectations while promoting the safety of our employees and the environment. The 8D Process is typically used for product or component problems and Six-Sigma (DMAIC) is used for continuous improvement.


8D Process

Six Sigma

Activity / Input
(Controlled Procedure)

Output Documents
(Controlled Form)




		Structured Problem Solving and Continuous Improvement		
Document #	Last Revised	Revision	Author	Approver
QM-0103	01-28-2021	1.2	T Mall	R Mason

Improvement Team.

PRINTED COPIES ARE UNCONTROLLED – FOR REFERENCE ONLY

Revision History

	Structured Problem Solving and Continuous Improvement			
Document #	Last Revised	Revision	Author	Approver
QM-0103	01-28-2021	1.2	T Mall	R Mason

Revision	Date	Brief Description of Change	Revised By
1.0	Dec-19	Initial Release	N Bova
1.1	01-09-20	Changed Document name and added Evaluation/Investigation and Control and Continuous Improvement	A Currado
1.2	1-28-21	Updated to reflect DMAIC philosophy	T Mall

Procedure Owned By: **Process Engineering & Continuous Improvement Team.**

PRINTED COPIES ARE UNCONTROLLED – FOR REFERENCE ONLY