



## PROJECT CLOSURE REPORT

**CONSULTING TRAINING AND IMPLEMENTATION OF VDA 6.3**

at

**TEXMO PRECISION CASTINGS**

Release: 00

Date : 25.06.2024

Date: 25.06.2024

**Acknowledgement:**

Dear All,

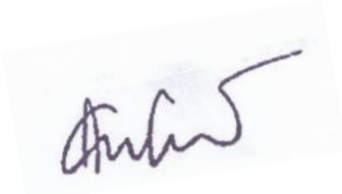
It is my pleasure to formally submit this VDA 6.3 implementation project report which was executed by Omnex for Texmo Precision Castings located at Pollachi Road, Kovilpalayam, Coimbatore. Omnex, with our 30 years of experience in the industry, had devised this approach in consultation with your continual improvement team, to help you in executing the projects in a systematic and structured manner. This one month project engagement comprised of training, consulting and implementation on various improvement techniques for Texmo Precision Castings.

In today's challenging environment, it is extremely crucial that we all work towards upgrading the manufacturing base not only to face the challenges, but also to have Best-in Class practices implemented which will catapult Texmo Precision Castings as a front runner in the fiercely competitive world market. I am sure the knowledge imparted to your team will sharpen their abilities towards handling situations in more effective manner.

We at Omnex are very happy to be a part of your improvement initiative. Most importantly, learning is effective only when practiced. I am sure that each of the team member involved in this assignment will take time to revisit these concepts; implement in every way they can and strive to make the most coveted automotive industry.

All the best for your continual Improvement journey...

Sincerely,



**Arun Kumar,**  
**Director and VP Global Operations,**  
Omnex Inc.

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## 1 Report History

### 1.1 Revision History

Revision date	Author	Version	Summary of Changes	Changes marked
25.06.2024	G. Parthiban	00	Initial Release	Nil

### 1.2 Approvals

This document requires the following approvals:

Name	Title	Date of Issue	Version
Arun Kumar	Director & VP Global Operations	25.06.2024	00

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## 2 Project Synopsis

Consulting and Implementation support of **PROCESS IMPROVEMENT THROUGH VDA 6.3** for Texmo Precision Castings and the following scope are as follows:

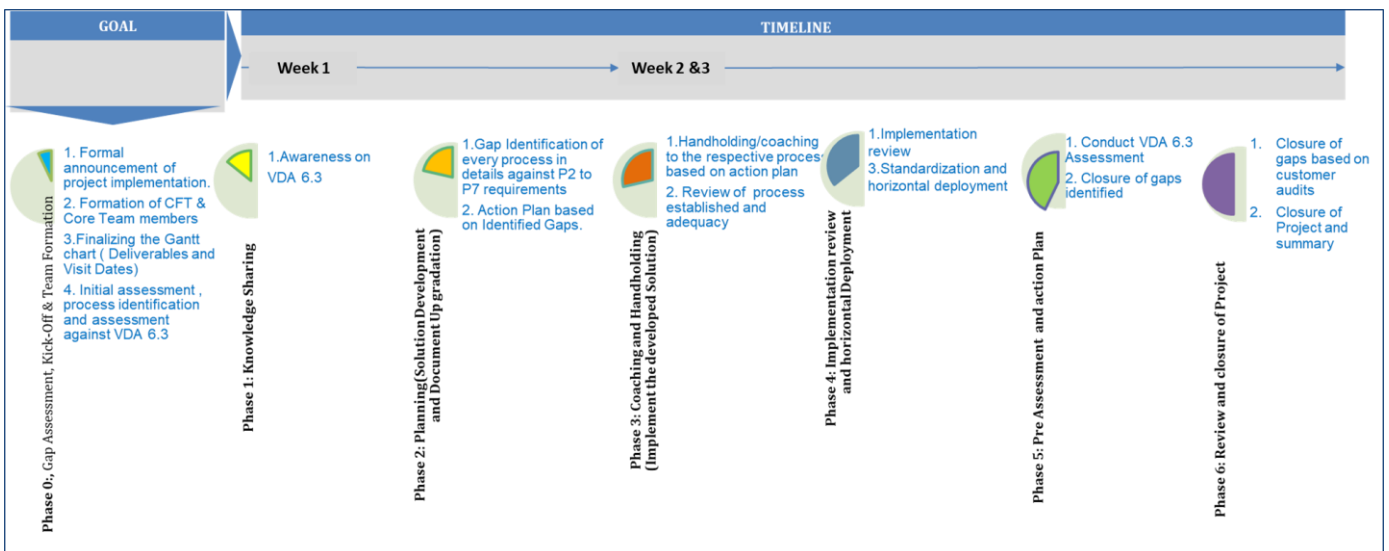
**‘Manufacturing of Investment Castings’**

### 2.1 Project organization structure (Omnex)

#### Omnex Team

Key Accounts Manager : S.Susmith, General Manager Operations - South

## 3 Project Phase (s) Completed



## 4 Project Tasks – Detailed report

### 4.1 Positive Observation

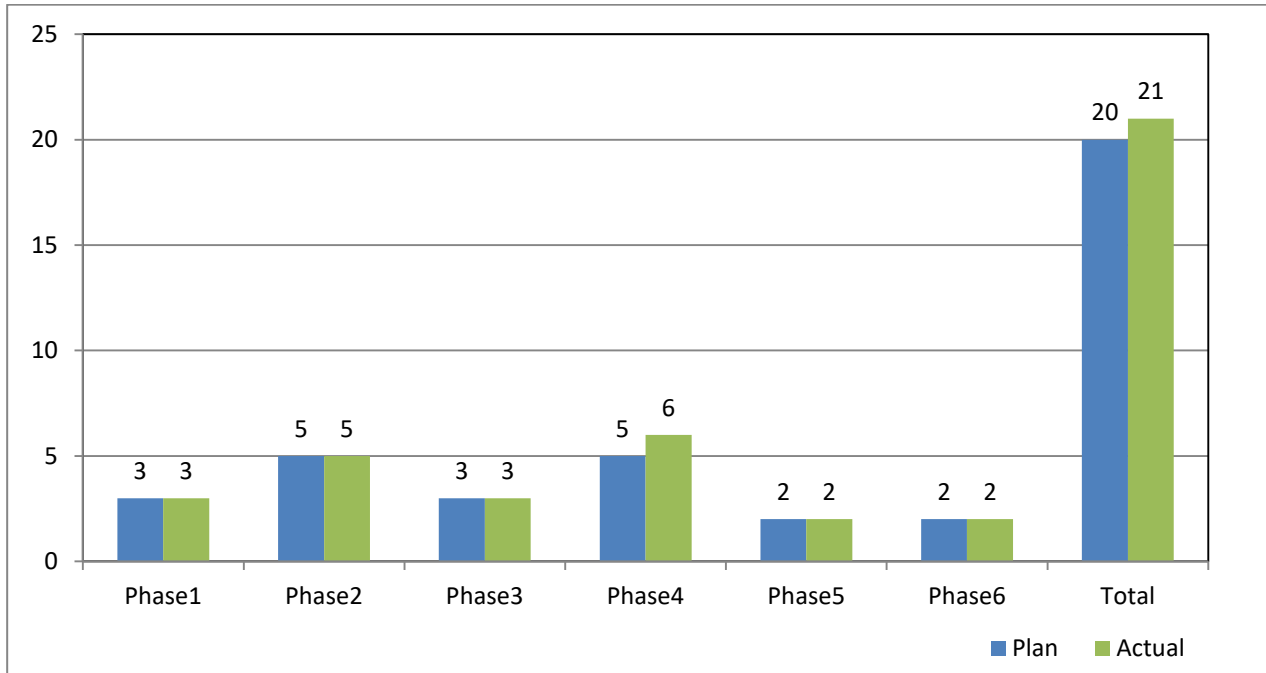
- Teams commitment and their accountability
- Core committee members engagement on project implementation
- Dedicated Omnex team were allocated in project execution for effective implementation
- Planning and execution of the project.
- Customized audit is executed to meet customer requirements

### 4.2 Opportunity for Improvement

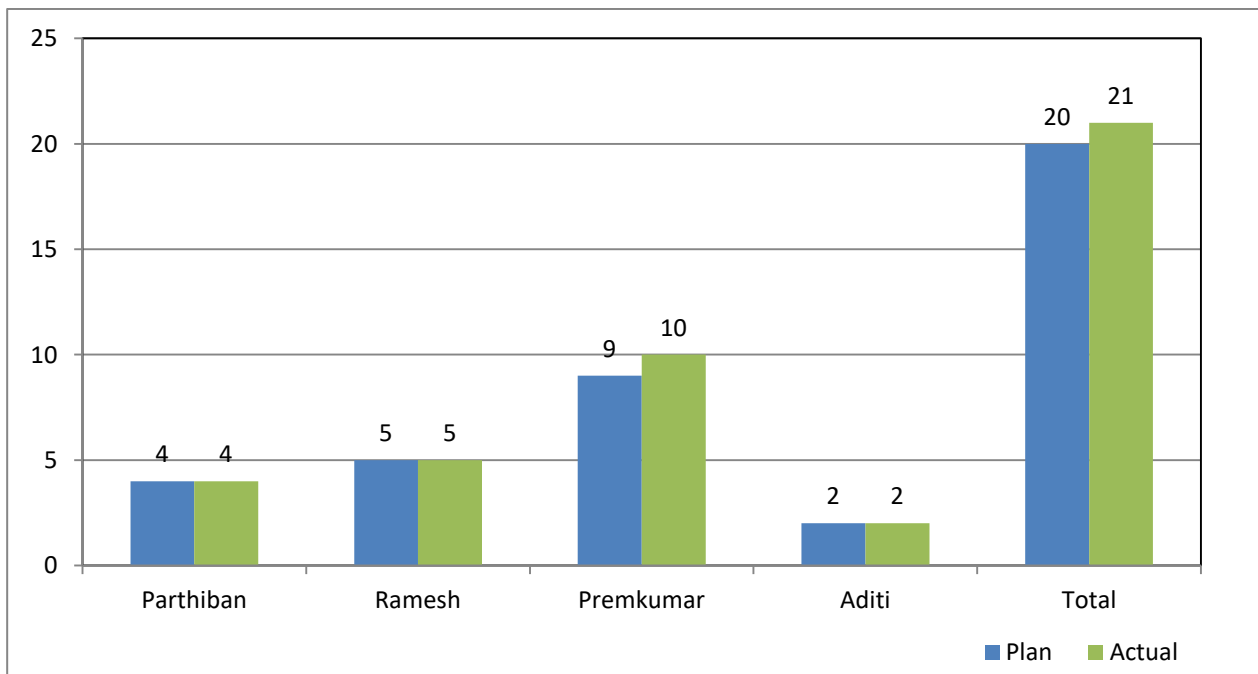
- Integration of VDA 6.3 requirements into existing Quality Management System
- Actions to be reviewed for sustainability

## 4.3 Phase wise Detailed Report

### 4.3.1 Project Phase-wise Man-days Trend



### 4.3.2 Consultant-wise Man-days Trend





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## 4.3.3 Key Deliverables

### Readiness Assessment VDA Report Status

Process Readiness Audit Results Overview											<b>Confidential</b>		
Supplier Name:		TEXMO PRECISION CASTINGS					Order-reason:		Harley Davidson Customer Audit planned			Date:	18-05-2024
Address:		Pollachi Road, Kovilpalayam, Coimbatore, Tamil Nadu											
Overall Result													
Product Group	Initial Audit			Final Readiness Audit									
	PG1:	TFC051		PG2:	TFC051								
	Clamp Injector			Clamp Injector									
Rating	<b>C</b>			<b>A</b>									
E <sub>G</sub>	65%			92%									

### Final Readiness audit Status:

#### P2: PROJECT MANAGEMENT

	2.1	2.2*	2.3	2.4	2.5	2.6*	n.e.	Current Level	Target Level	Max Points	Current Points	E <sub>P2</sub>
	6	6	10	8	10	8	0	6	4	60	48	80%

#### P3: PLANNING OF PRODUCT AND PRODUCTION PROCESS DEVELOPME

	3.1	3.2*	3.3	3.4*	3.5	3.6	n.e.	Current Level	Target Level	Max Points	Current Points	E <sub>P3</sub>
	10	8	10	2	8	10	0	6	4	60	48	80%

#### P4: IMPLEMENTATION OF PRODUCT AND PRODUCTION PROCESS DEVELOPMI

	4.1*	4.2	4.3	4.4*	4.5	4.6	4.7	4.8	4.9	n.e.	Current Level	Target Level	Max Points	Current Points	E <sub>P4</sub>
	8	10	10	10	8	10	n.e.	8	6	1	8	6	80	70	88%

#### P5: SUPPLIER DEVELOPMENT

	5.1	5.2	5.3	5.4*	5.5*	5.6	5.7	n.e.	Current Level	Target Level	Max Points	Current Points	E <sub>P5</sub>
	8	10	8	10	10	10	8	0	7	5	70	64	91%

#### P6: PRODUCTION PROCESS (see P6 Totals tab for results of each individual production process evaluated)

n.e.	Current Level	Target Level	Max Points	Current Points	E <sub>P6</sub>
0	26	17	260	252.67	97%

#### P7: CUSTOMER SERVICE

	7.1	7.2	7.3*	7.4*	7.5	n.e.	Current Level	Target Level	Max Points	Current Points	E <sub>P7</sub>
	10	10	10	10	10	0	5	3	50	50	100%

total points achieved 532.667  
total points possible 580

E <sub>G</sub> [%]	RATING
92%	A

### Major Gaps Highlights/ Focussed Points

- Incoming material receipt, storage and distribution
- Escalation process for New Product Development
- Defining of Roles, Responsibilities and Authorities
- Critical and Significant characteristics monitoring using SPC charts
- PFD/PFMEA/Control Plan Implementation
- Calibration process effectiveness
- Competency mapping

## Strategies for action Plan

- Selected the products TFC051 and TFC048 and reviewed 6Ms in their manufacturing processes
- APQP /PPAP review
- Operational Process review
- Supplier Management
- PFD/FMEA /Control plan review
- FIFO Implementation and review
- 5S Implementation/Visual Management
- MSA and SPC Implementation
- DWM/KPI Management
- Complaint management/ problem solving
- Machine/tool process review and up gradation
- Escalation Process Management
- Team were trained on VDA6.3 awareness, CQI-9, CQI-27, AIAG 4<sup>th</sup> edition FMEA

### 4.3.4 Lessons Learned, if any

Lesson No	Lesson Description	Suggested action based on Lessons	Process Impact (High, Medium, Low)
1	Project Management on VDA 6.3 Implementation	Omnex Team and client responsibility need to be clearly defined during finalization of contract	High
2	TEXMO Team availability and Prioritization	Team availability was ensured by the Client and prioritization of actions throughout the project phases were focussed	High



5 Conclusion

- No major gaps were identified during customer audit on 16<sup>th</sup> & 17<sup>th</sup> May-24
- Achieved 'GREEN' category of initial assessment by customer (Harley Davidson)
- Periodic training to all employees to understand importance and ensure their commitment
- Steps to ensure sustainability of actions to be planned
- Integration of VDA 6.3 requirements into existing Quality Management System to be done

Prepared By

G. Parthiban (OMNEX – Senior Consultant)

Approved by

Arun Kumar, Director and VP Global Operations

Approval Date

25.06.2024

Client Name:

Jayachander Veerasamy - Head of India Operations

(For TEXMO Precision Castings)

Client Signature:

-----End of Report-----