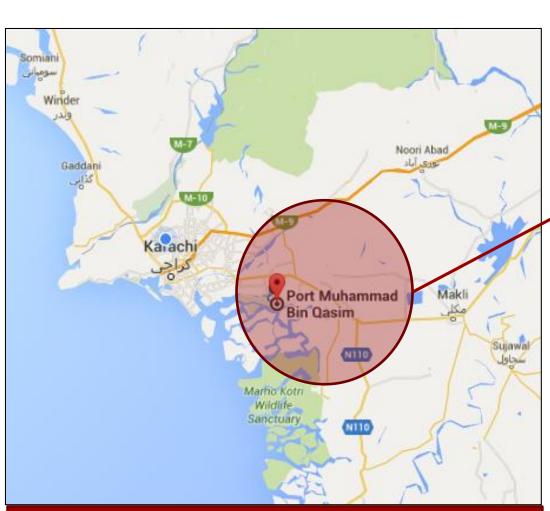




Noor Engineering Services (Pvt.) Ltd.



SITE LOCATION MAP BIN QASIM Noor Engineering Services (Pvt) Ltd. Arabian Sea Co 9 Kms NES to **PORT** 2.4 km Port Muhammad Bin Qasim

LOCATION MAP
Pakistan-Karachi-PORT MUHAMMAD BIN QASIM

### **Noor Engineering Services**

Plot # DSU 32/3 & 32/10, Downstream Industrial Estate, Bin Qasim, Karachi, Pakistan Tel: (92-21)34723580 | Fax: (92-21)34723582 Email: info@nes.com.pk Web: www.nes.com.pk

### **COMPANY PROFILE**

### **ABOUT US**

Customer satisfaction is our company's primary objective. To attain this satisfaction, management as well as all partners are dedicated to follow the guidelines specified below:

- Continuous fulfillment of customer requirements and specifications.
- Customer oriented delivery period for all products at the required quality levels,
- Employment of highly motivated, well trained and flexible staff,
- Economical and quality ensuring cooperation with our suppliers.
- Development of new products, improvement of existing products,
- Use of all available resources for improvement and development.
- Adherence to TS regulatory and o
- Bringing continue

These quality guide everyday work. To

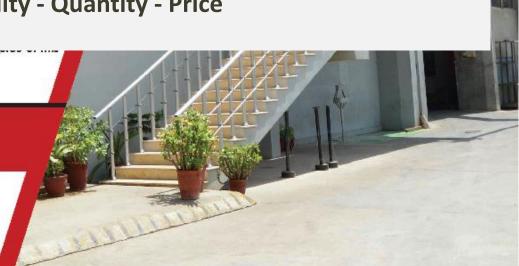
In accordance wit quality of his work awareness is a per can work with the r Critical Automobile Components at Quality that is uncompromised, in Quantities that are required and at a price that is competitive.

**Quality - Quantity - Price** 

All partners of NES \_\_\_\_\_\_\_ quality policy.

### **OUR VISION**

- Expand range of products by satisfying our customers through QCDM.
- Keep abreast with modern manufacturing techniques in both man & machine technologies.
- Continue to provide a motivating working environment for all partners.



# **BRIEF HISTORY & ACHIEVEMENTS**

YEAR	NEW DEVELOPMENT	ACHIEVEMENTS & AWARDS
1991	NES Established	NES Established
1992	Started Propeller shaft manufacturing of ST-308 (Van/pickup)	
1995	Started Propeller shaft manufacturing of SJ-410 (Jeep 4x4)	Conferred Vendor Performance Award by Pak     Suzuki
1996	Started Propeller shaft manufacturing of Shehzore Truck	Conferred Vendor Performance Award by Pak     Suzuki
1997	Signed TAA with HAMANA PARTS MANUFACTURE CO., LTD., Japan	
1998	Started Gear Shift Control lever manufacturing of ST-308 & SB-308	
2001		Conferred Vendor Performance Award and Mehran Revival Award by Pak Suzuki
2002		Conferred Vendor Performance Award by Dewan Farooque Motors



# **BRIEF HISTORY & ACHIEVEMENTS**

YEAR	NEW DEVELOPMENT	ACHIEVEMENTS & AWARDS
2003	Started Hub Front Axle manufacturing of Toyota Corolla.	
2005	Started Hub Front Axle manufacturing of SB-308 & SF-410 for Pak Suzuki.	<ul> <li>100% Timely Supply of Components by Pak Suzuki.</li> <li>Best quality award by Dewan Farooque Motors</li> </ul>
2006	Started Hub Front Axle manufacturing of Coure for Indus Motor Company.	<ul> <li>100% Timely Supply of Components by Pak Suzuki.</li> <li>Best quality award by Dewan Farooque Motors</li> </ul>
2007	Started Gear Shift Control lever manufacturing of RH-413 for Pak Suzuki.	<ul> <li>Best Vendor Performance award by Pak Suzuki.</li> <li>Vendor Performance Award by Toyota Motor Company</li> </ul>
2008		<ul> <li>Best Vendor Performance award by Pak Suzuki.</li> <li>Best Quality award (Zero PPM) by Toyota Motor Company</li> </ul>
2009	Started Engine & Rear Sprockets manufacturing for Pak Suzuki MCD.	Shifted Plant from Korangi to Port Qasim
2010	Started Column Comp Steering parts manufacturing of SB & ST for Pak Suzuki.	Best Vendor Performance award by Pak Suzuki.
2011	Started Engine & Rear Sprockets manufacturing for Atlas Honda OEM & SPD Division.	<ul> <li>Vendor Appreciation Award by Pak Suzuki for achieving good quality of components</li> </ul>



# **BRIEF HISTORY & ACHIEVEMENTS**

YEAR	NEW DEVELOPMENT	ACHIEVEMENTS & AWARDS
2012	Signed TAA with HAMANA PARTS MANUFACTURE CO., LTD., Japan	<ul> <li>Vendor Appreciation Award by Pak Suzuki for achieving good quality of components</li> </ul>
2013	Started Hub Front Wheel manufacturing of Civic & City for HACPL.	<ul> <li>Vendor Appreciation Award by Pak Suzuki for achieving good quality of components</li> <li>Hub Front wheel Rotary Bending Test passed 1st time in Pakistan for HONDA 2HC &amp; 2PK.</li> </ul>
2014		<ul> <li>Quality Award by Pak Suzuki in Recognition of Outstanding Quality Performance.</li> </ul>
2015		<ul> <li>Hub Front wheel Rotary Bending Test passed for HONDA 2SV.</li> </ul>
2015		Quality Award by Pak Suzuki in Recognition of Outstanding Quality Performance.
2016	<ul> <li>Started commercial production of Brake Disk Assy manufacturing of 2SV for HACPL. (Apr, 16)</li> <li>Plan to Start commercial production of Gear Shift Cont. Lever of YN-3 for Pak Suzuki. (Jun, 16)</li> </ul>	Capacity Enhancement up to 50 %





# 4 WHEELER PRODUCT LIST

				. 6
CUSTOMER	PRODUCT NAME	MODEL	STATUS	
	PROPELLER SHAFT	ST 308 (Van / Pickup)	In Production	
	PROPELLER SHAFT	SJ410 (Jeep 4x4)	Model Obsoleted	
		ST 308 (Van / Pickup)	In Production	
		SB-308 (Mehran)	In Production	
		SF-410 (Cultus)	In Production	
	GEAR SHIFT CONTROL LEVER	SY (Baleno)	Model Obsoleted	
	CONTINUE LEVEN	RA-410 (Alto)	Model Obsoleted	
PAK SUZUKI MOTOR		RH-413 (Liana)	Model Obsoleted	FOUR
COMPANY LTD		YN-3 (Swift)	In Production	WHEELER
		SB-308 (Mehran)	In Production	PRODUCTS
SUZUKI	HUB FRONT WHEEL	SF-410 (Cultus)	In Production	
SUZURI		RA-410 (Alto)	Model Obsoleted	(%)
	COLUMN COMP	ST 308 (Van / Pickup)	In Production	
	STEERING	SB-308 (Mehran)	In Production	
	SHAFT COMP & ROD COMP	SF-410 (Cultus)	In Production	Suzuki Cultus Product name: Rods & Shaft Comp extensions



# 4-WHEELER PRODUCT LIST

CUSTOMER	PRODUCT NAME	MODEL	STATUS
INDUS MOTOR		Corolla 557	Model Obsoleted
COMPANY	HUB FRONT	Corolla 557-N	Model Obsoleted
()	WHEEL	Corolla 242-L	In Production
TOYOTA		Coure	Model Obsoleted
HONDA ATLAS CAR PRIVATE	Front Brake Disk Assy	2SV New Civic	In Production
ITD		2HC Civic	Model Obsoleted
	HUB FRONT WHEEL	2PK City	In Production
HONDA	******	2SV New Civic	In Production
DEWAN	PROPELLER SHAFT	Shehzore	Model Obsoleted
FAROOQUE MOTORS	ENGINE MOUNTING	Shehzore	Model Obsoleted







# 2 WHEELER PRODUCT LIST

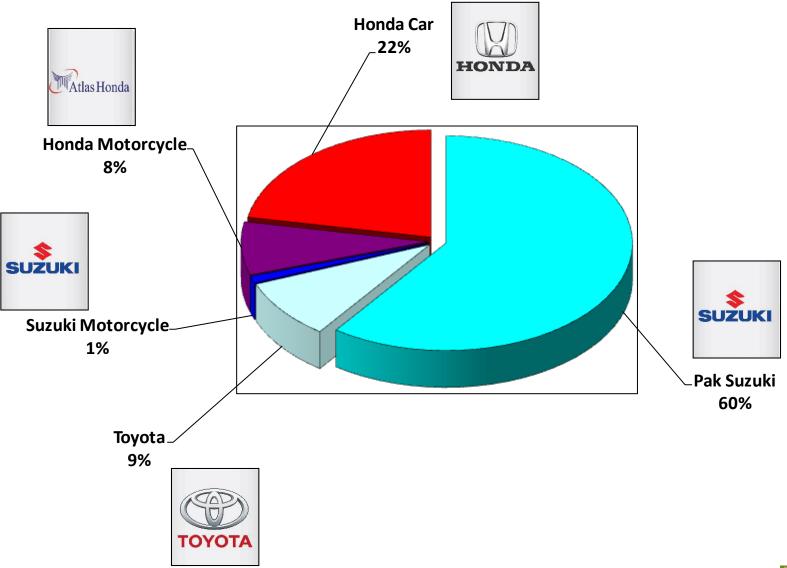
CUSTOMER	PRODUCT NAME	MODEL	STATUS
PAK SUZUKI		SD-110 (Sprinter)	In Production
	ENGINE SPROCKET	GS-125	In Production
\$	ENGINE SPROCKET	GS-150	In Production
SUŽUKI		A-100	Model Obsoleted
		SD-110	In Production
	REAR SPROCKET	GS-125/150	In Production
		A-100	Model Obsoleted
ATLAS HONDA	ENGINE SPROCKET	CD-70	In Production
<b></b>	ENGINE SPROCKET	CG-125	In Production
Atlas Honda	REAR SPROCKET	CD-70	In Production







# **CUSTOMERS SHARE W.R.T. SALE**









# QUALITY CERTIFICATION



URS CERTIFICATE NO: 31003

Certified by **URS** (United Registrar of Systems)

Successfully implemented in July-2008 Successfully Audited in June, 2009 Successfully Audited in June, 2010

# **Quality Policy**

Management and employees of NES are committed to producing high quality parts for all its valued customers by meeting applicable standards and requirements.





### Certificate of Registration

This certificate has been awarded to

Noor Engineering Services (Pvt) Ltd Plot # 204, Sector # 23, Korangi Industrial Area, Karachi, Pakistan

in recognition of the organization's Quality System which

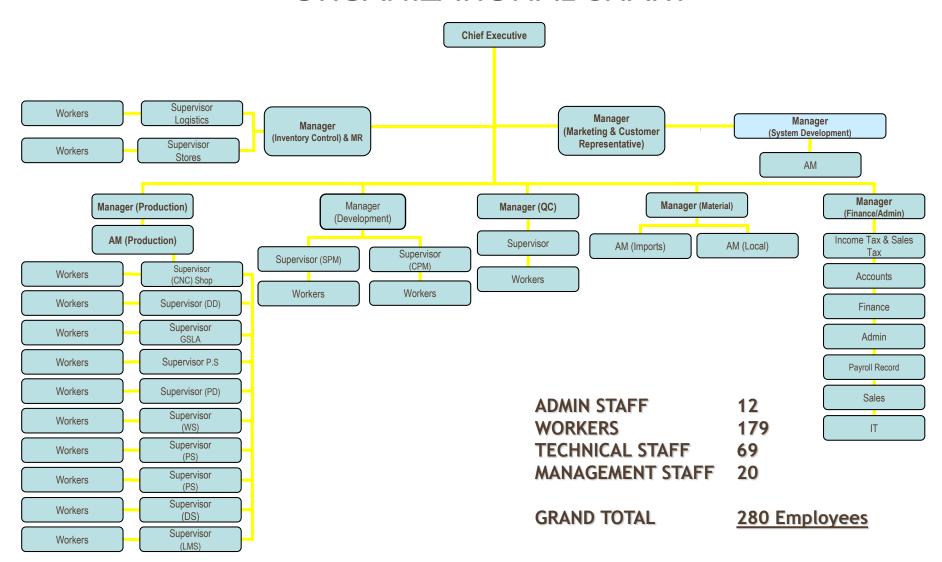
ISO/TS 16949:2002

The scope of activities covered by this certificate is defined below

Manufacture of Automotive Sheet Metal, Machined and Assembled Parts (Excludes Product Design under Clause 7.3)



### ORGANIZATIONAL CHART





#### **Managing Director**

**Jawaid Shaikh** 

BE Aeronautical Engineering & Design LOUGHBROUGH University of Technology UK

1977 – 1989 : Aircraft Engineer at Pakistan International Air line

1989 - To Date: Managing Director at Noor Engineering Services Pvt Ltd

2006 - To Date: Managing Director at JINKWANG JAZ (PVT) LTD

#### **COO** (Technical Division)

Farhan Ahmed BE Mechanical Engineer ME Industrial Manufacturing NED UET Karachi, Pakistan



#### 2004 to date

Working with NES in Production management, planning & new product development section and since 2014 leading the whole technical division in which Production, Maintenance, Development, Inventory management are key areas.

#### **CERTIFICATION & SKILLS**

- Production Management (JETRO Japan)
- Six Sigma green belt certified.
- QCDMSE Management
- Productivity improvement techniques
- Project Management
- Layout Planning
- 5'S & KAIZEN Activities

### COO Admin & Marketing

Ahmed Ali Shaikh
BE Mechanical Engineer
ME Industrial Manufacturing
NED UET Karachi, Pakistan



#### 2003 to date

Working with NES in Marketing, Quality, HR Logistics & Finance section and since 2014 leading the whole Admin division.

#### **CERTIFICATION & SKILLS**

- Basic Accounting & Finance modules
- QMS
- QCDMSE Management
- TS-16949 Audit training
- Process Improvement (Japan)
- Inventory management.
- Project Management
- ERP System

# **CUSTOMERS RELATIONSHIP**



	2016	2011	2006	2001	1996	1991	YEARS
\$UZUKI	<b></b>						24 Years
						1992	
TOYOTA			2003				13 Years
Atlas Honda	<b></b>	2009					07 Years
agriauto			2003				13 Years
HONDA	2012						04 Years

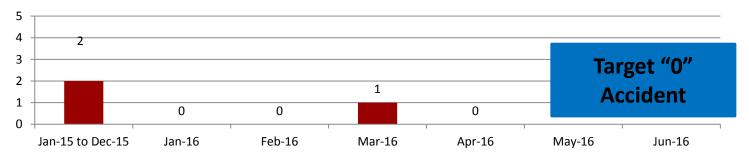
# **SAFETY (ACCIDENT & INCIDENT)**

#### **Accident & Incident History Sheet**

#### A) No. Of Accidents

SR#	NES Department	Jan-15 to Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16
1	Hub line	0	0	0	0	0		
2	Sprocket Line	1	0	0	0	0		
3	Press Shop	1	0	0	1	0		
4	Bush/Forging Line	0	0	0	0	0		
SAFI	ETY is a priority at NE		• •	's Safet	y polic	y is str	ingent	ly
SAFI	ETY is a priority at NE		ompany owed"	's Safet	y polic	y is str	ingent	ly
SAFI	Degreasing shop		• •	's Safet	y polic	y is str	ingent	ly
	· · · · ·	foll	owed"	ÿ			ingent	ly
11	Degreasing shop	foll	owed"	0	0	0	ingent	ly
11 12	Degreasing shop  Maintenance	follo	owed"	0 0	0	0 0	ingent	ly
11 12 13	Degreasing shop  Maintenance  Quality control	0 0 0	owed"	0 0 0	0 0	0 0 0	ingent	ly

### A) No. Of Accidents





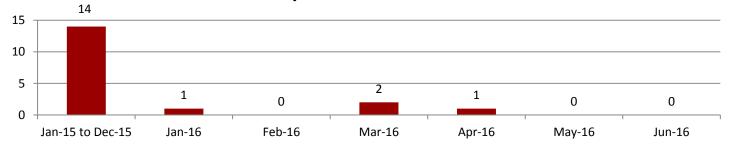
# **SAFETY**

### **Accident & Incident History Sheet**

#### B) NO. Of Incident

SR#	NES Department	Jan-15 to Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16
1	Hub line	0	0	0	0	0		
2	Sprocket Line	5	1	0	0	0		
3	Press Shop	2	0	0	1	0		
4	Bush/Forging Line	0	0	0	0	0		
5	Brake Disc Assembly line	0	0	0	0	1		
6	Welding shop	2	0	0	0	0		
7	Propeller Assembly shop	0	0	0	0	0		
8	Gear Shift Lever Assembly shop	0	0	0	0	0		
9	Paint shop	0	0	0	0	0		
10	Galvanizing shop	0	0	0	0	0		
11	Degreasing shop	0	0	0	1	0		
12	Maintenance	3	0	0	0	0		
13	Quality control	0	0	0	0	0		
14	Pipe cutting Shop	2	0	0	0	0		
15	Tool Room	0	0	0	0	0		
	NES TOTAL INCIDENT	14	1	0	2	1		

### B) NO. Of Incident





# SAFETY Awareness TRAINING & SKILL DEVELOPMENT









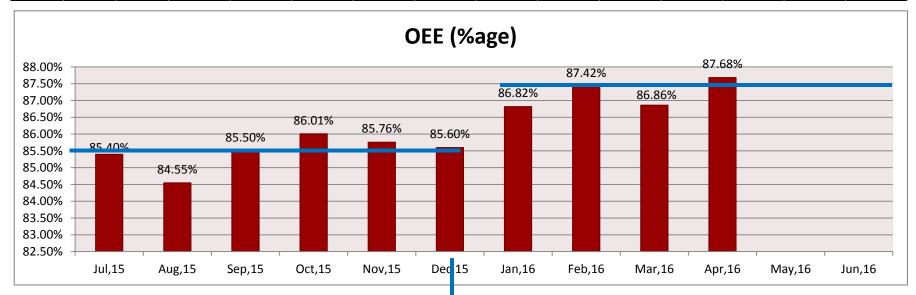


# OEE (Overall Equipment Effectiveness)

Noor Engineering Services Pvt Ltd.

PP\FM\021 ISSUE 01 Page 1 to 1

	OEE(OVERALL EQUIPMENT EFFECTIVENESS)											
Description	Jul,15	Aug,15	Sep,15	Oct,15	Nov,15	Dec,15	Jan,16	Feb,16	Mar,16	Apr,16	May,16	Jun,16
OEE (%age)	85.40%	84.55%	85.50%	86.01%	85.76%	85.60%	86.82%	87.42%	86.86%	87.68%		
Availability	93.0%	91.0%	92.6%	92.5%	92.1%	93.0%	93.5%	94.0%	94.3%	94.2%		
Performance	92.0%	93.0%	92.4%	93.2%	93.2%	92.1%	92.9%	93.1%	92.2%	93.2%		
Quality (RTY)	99.8%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%		





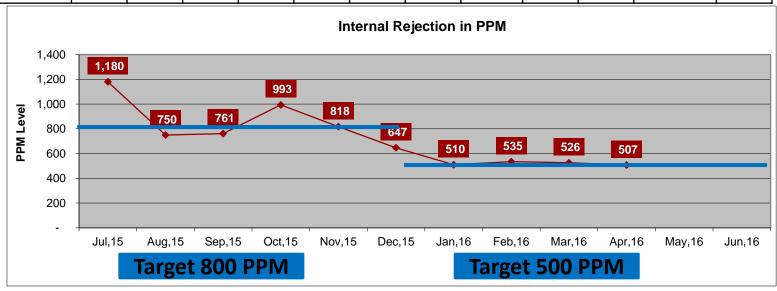
# First time Quality (FTQ) at NES

NOOR ENGINEERING SERVICES (PVT) LTD

PP\FM\021 ISSUE 01 Page 1 to 1

#### (FTQ) Internal Rejection in NES for the Year of 2015 ~ 2016

DESCRIPTION	Jul,15	Aug,15	Sep,15	Oct,15	Nov,15	Dec,15	Jan,16	Feb,16	Mar,16	Apr,16	May,16	Jun,16
FTQ %	0.12%	0.07%	0.08%	0.10%	0.08%	0.06%	0.05%	0.05%	0.05%	0.05%		
PPM Level	1,180	750	761	993	818	647	510	535	526	507		



#### **NES PPM TARGET SINCE 2008:**

Jan,08 to Jul,10	5000 PPM
August,10 to October,12	2500 PPM
Nov,12 to Dec, 13	1000 PPM
Dec,13 to Dec, 14	900 PPM
Dec,14 to Dec,15	800 PPM

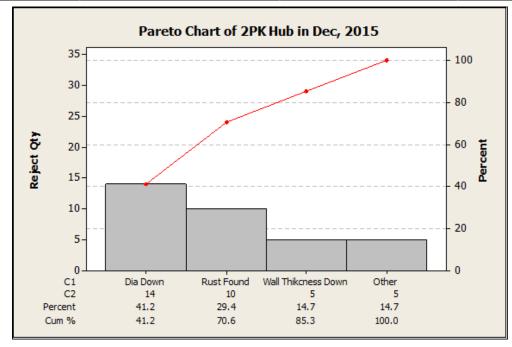
Total Rej	247
Total Manufactured	487,111
PPM April,16	507



# PARETO ANALYSIS

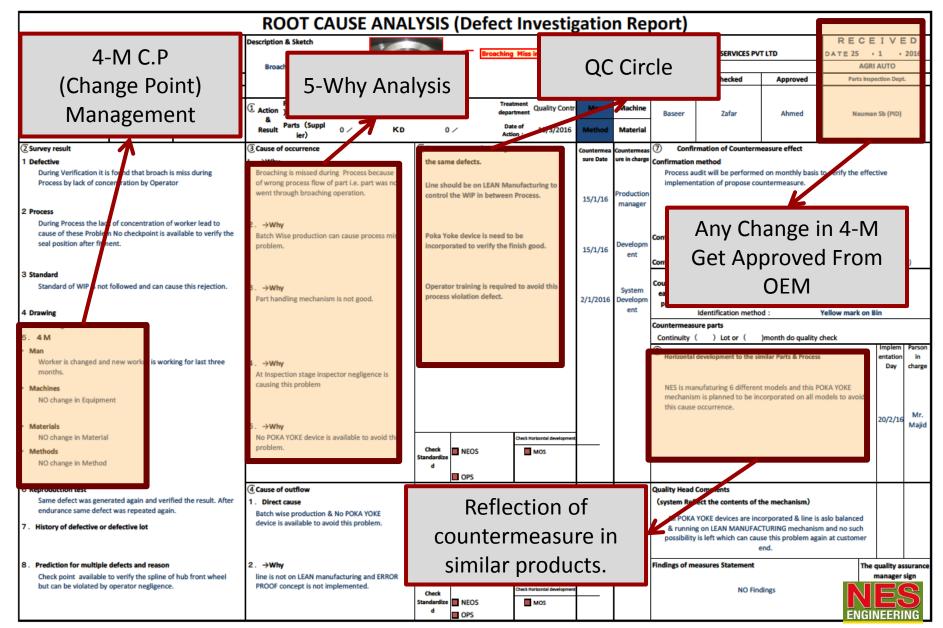
2pk Hub Rejection in Dec, 2015							
Part name	Standard Defects Name	Reasons of Rejection	<b>Qty Rejected</b>				
	Die Deur	Dia 38.0 Size down	7				
	Dia Down	Dia 64 down	7				
	Rust Found	Rust Found	10				
2pk Hub	Wall Thikcness Down	wall Thickness Down	5				
	Pcd Out	Pcd out	3				
	Dent Problem	Dent found on Dia 38	1				
	M-6 Thread damage	M-6 Thread damage	1				
	34						







# **ROOT CAUSE ANALYSIS**



# **RISK ANALYSIS**

Process FMEA Worksheet  Model/Type/Model Year :				Ris	sk Priority Number (RPN =S *0*D)	y (D)		
Honda part no. : 44660-TBG.A00			Rank	RPN	Response	riteria		
Process PREA was carried out by (dept or person) : DEVELOPMENT, QUALITY CO   #deuthilication :   in Prints are of Honds appelled parts, reter are colls. Iki, Q, Ni, I ### Completion confirmation : with consideration given to acceptance level of res  Scope of Rick Evaluation   10			1-Top priority.	to Honda, process control not				
0. Process Name  ROUGH TURNING  Pre-Drilling	Function of the Process (what does this)  Machining  Machining	Failure Mode	9	436 ~ 1000	2-Immediate measures required	, process contl canot detect		
30 1st Side Machinings6 hole Drilling MacI	Machining	(10) ø64.0 up & Down  (2) 5 Hole ø12.1 up				e shipping		
	maximing	(2) 5 Hole #12.1 Down (3) 5 Hole pcd out #114.3	7	130 ~ 435	1-High priority. 2-Implement measures.	detect failure by current proce		
2ND SIDE MACHINING	Machining	(1) Bearing ø 48 up (1) Bearing ø 48 down Wall thickness 4.0 down	6			process control may overlook		
5 Hole counter & chamfer	Drilling	(36) 5 hole counter out #1  (27) Hole Tapping M6 ×1.1  (27) Hole Tapping M6 ×1.1	5	27 ~ 129	1-Moderate priority. 2-Monitor the occurrence of a failure mode and	ontrol tools may detect failure		
TAPPING (1 HOLE MO 6)	Tapping Chamfering	Half tapping of M6 x 1.0 Burr Found on M6 Tap	4		implement measures accordingly	tatistical tools		
Semi-final Inspection	Broaching Inspection	Dent found on ø 48 Rust found	3	8 ~ 26	1-Low priority.	tatistical tools		
D Bolt Pressing D Final Inspection	Pressing	Bolt Thread Damaged  Dent found on a 48  Rust found	2		2-Implement measures where time and resources allow.	levices		
10 IDENTIFICATION MARK (Etching) 10 Packing 10 Storage 10 Delivery	Marking Packing Storage Delivery	Clear Display of fc.	1	1~7	1-Accept as a remaining risk. 2-No further measures required.	easy and no attention is require		
Rank 10 9 8 7 6 5	Failure mode of parts that involves a v ailure mode of parts that viola Failure mode of parts that Affected Honda products  Lead to multitudes of	Seriousness (5)  Evuluation Crit impairs the safety of Honda, in impairs the safety of Honda, impairs the sa	eria products and leads to a fatal accident ments (without predictability) to ducts and leads to a fatal accident ments (without predictability) to ducts and leads to a fatal accident many performance, Paline mode it detect. of primary performance, Paline mode it of primary performance, Paline mode it of primary performance. Paline mode is accident. The products of performance or for a reduced level of performance or for a product with respect to fit and fit operation, feeling.	a and/o  o  mod/or  mo	ANALIANTAN LATERIAN   Anno   Evaluation Criteria   Vo or more   10   Failure cannot be detected before delivery to flonds, available   1/3 or less   0   Failure is likely to be flowed out to Honds, process of adultive   1/4 or less   0   Extremely difficult to detect failure before shipping   1/20 or less   0   Extremely difficult to detect failure before shipping   1/20 or less   0   Extremely difficult to detect failure before shipping   1/20 or less   0   Extremely difficult to detect failure before shipping   0     Extremely difficult to detect failure before shipping   0   Extremely difficult to detect failure before shipping   0   Extremely difficult to detect failure before shipping   0   Extremely difficult to detect failure before shipping   0   Extremely difficult to detect failure before shipping   0   Extremely difficult	Risk Priority Number (RPN =5*0*D)  Response  1-Top priority.  1-Top priority.  2-Immediate neasures required  130 135 1-High priority.  2-Implement measures.  130 135 2-Implement measures.  130 135 2-Implement measures.  130 135 1-Idea priority.  2-Monitor the occurrence of a failure mode an implement measure and implement measures.  131 1-Idea priority.  132 1-Idea priority.  133 1-Idea priority.  134 1-Idea priority.  135 1-Idea priority.  136 1-Idea priority.  137 1-Idea priority.		
3 2 1	Lead to warranty claims against Honda products with sepect to fit and finish, appearance, feeling in use or operation  Lead to complaints against fit and finish, appearance, noise and feeling when in use or operation.  No discernible effect or effect can be ignored.		3 ration 2 1	1/15,000 or less  3 detected in subsequent process, through statistical to 1/150,000 or less  2 detected within the process, through QA devices 1/1,500,000 or less  1 detected within the process. Detection is easy and or	ools  2-Implement measures where time and resources a  1-Accept as a remaining risk. 2-No further measures required.			



#### **HUB FRONT WHEEL LAYOUT Raw Material IN ROUGH MACHINING AREA** 40#1 3.5<sub>%</sub>3 Capstain Lathe 10 x 3 Capstain Lathe 10 x 3.5 Capstain Lathe 10 x 3.5 Capstain Lathe 10 x 3.5 **LINE # 01 LINE # 02** CNC CNC HUB Lathe # 12 Lathe # 13 Manufacturing on LEAN MA 8.5 x 6.5 8.5 x 6.5 2#6A Ex2.£ Mechanism Caxis # 11 10.5 x 5.5 Milling 5.5 x 6 Milling 5.5 x 6 Caxis # 10 10.5 x 5.5 All Quality Q-Point's Process Capability is controlled and CPk >= 1.3 8 × 6'6 D/W CNC Milling 12 x 7.7 Бицзеолд Prediction of the 9.9 × 71 New CNC Lathe **LINE # 03** Packing **Finish Good OUT**

# 01- HUB FRONT WHEEL MACHINING FACILITY













100% Traceability codes engraved with critical dimension value.

NES, PART NAME, LINE NO, PART NO, DIA SIZE, DATE & TIME



# PROPELLER SHAFT ASSY SHOP MACHINING FACILITIES



**Bearing Fitting Press** 



Caulking Press



**Yoke Press Machine** 



Schenck's Balancing Machine



Double End Co2 Welding Machine

### 02- PROPELLER SHAFT COMPONENTS MACHINING SHOP





YOKE & FLANGE Machining





# PROPELLER SHAFT ASSY SHOP MACHINING FACILITIES







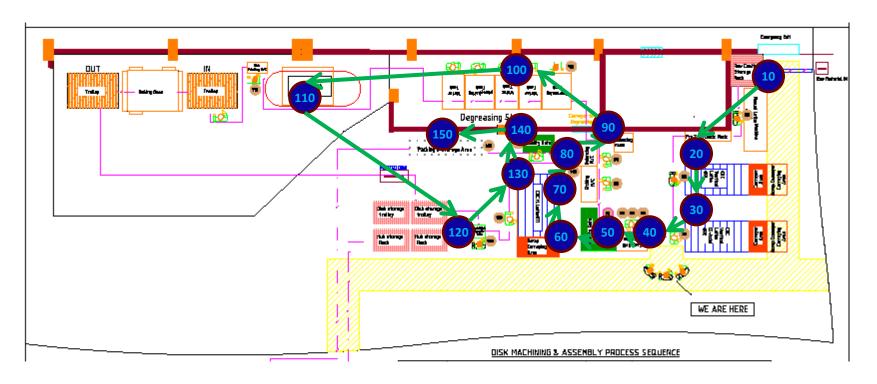








# FRONT BRAKE DISC MACHINING SHOP

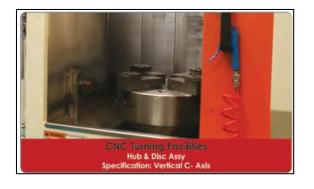


10	Rough Turning	60	2-Hole Chamfering
20	1 <sup>st</sup> side machining with 8 Hole Drilling	70	INSPECTION
30	2 <sup>nd</sup> side machining	80	Marking
40	8-Hole Chamfering	90	Balancing
50	2-Hole Tapping	100 110	Surface Treatment (degrease & Phosphate + Painting

ASSEMBLY OF DISC & HUB
Facing & Burnishing
Balancing with HUB
Final Inspection



### FRONT BRAKE DISC MACHINING FACILITIES













100% Traceability codes engraved with critical dimension value.

NES, PART NAME, LINE NO, PART NO, DIA SIZE, DATE & TIME



# GENERAL MACHINING FACILITIES



(Stoving Paint) Painting & Baking



**Shearing Machine** 



Mech. Press (50Ton to 250 Ton)



Auto Co2 Welding Machine



Gear Teeth Cutting (Hobbing Machine)



### **RESEARCH & DEVELOPMENT**

1- Designing and manufacturing of TOOLS, DIES, MOLDS, JIGS & FIXTURES.

- PRO-E
- Master Cam
- Mechanical Desktop



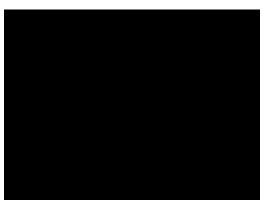
2- Designing & Manufacturing of automation of machines and new special purpose machines as per requirement.



Automatic Deburring M/C



Automatic Painting & Baking Machine





# DEVELOPMENT MACHINING FACILITIES



**Surface Grinding Machine** 



**Wire Cut Machine** 



**EDM** 



**CNC Machining Center** 



# DEVELOPMENT MACHINING FACILITIES



**Heat Treatment** 



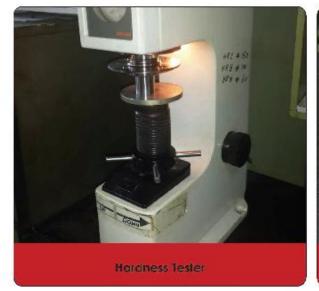
Cylindrical Grinding Machine

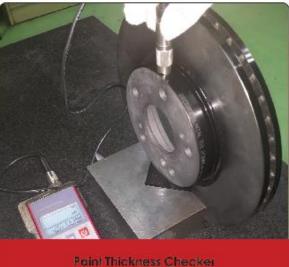


**CNC Machining Center** 



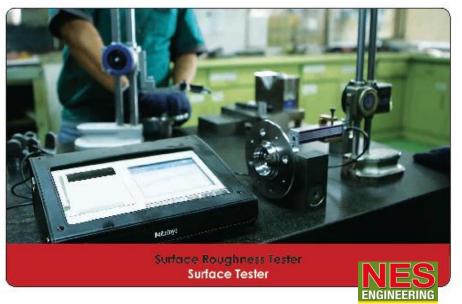
# **QC FACILITIES**











# **QC FACILITIES**



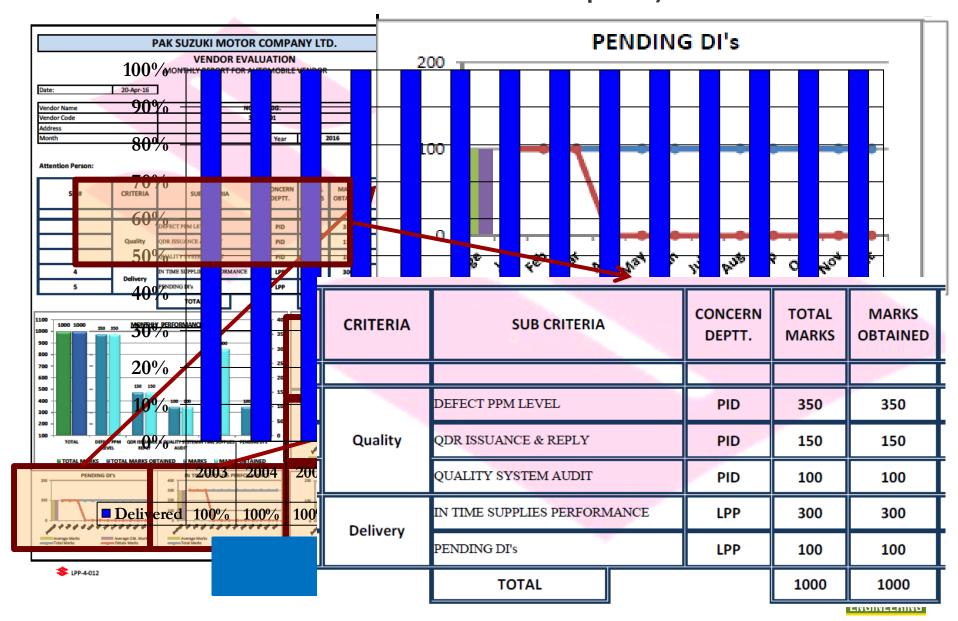




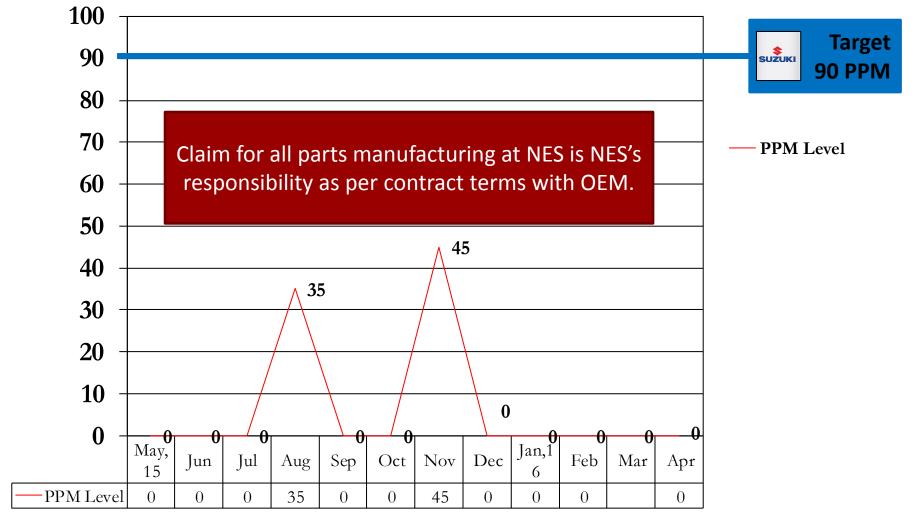


# DPR (Delivery Performance Report) PAK SUZUKI





# PPM LEVEL TO PAK SUZUKI Apr, 2015 to Mar, 2016





# DPR (Delivery Performance Report) HONDA Car



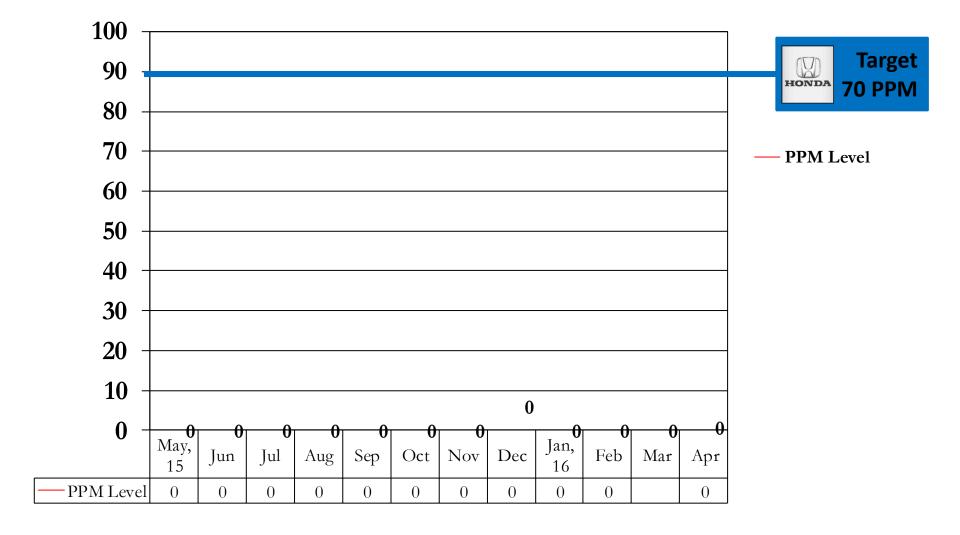
# **Evaluation Report Apr-16**



### **Supplier Name: Noor Engg.**

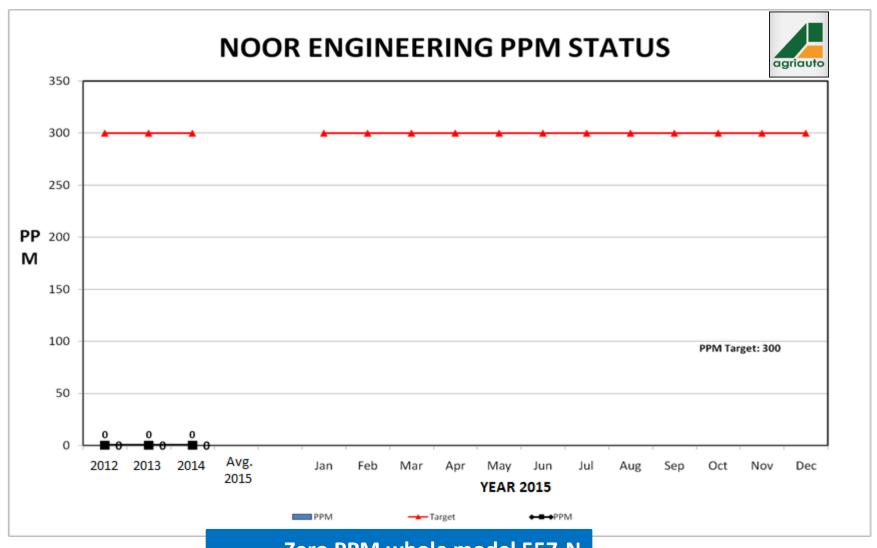
Sr #	Parts Number	Parts Name	Problem	Total Rejectio n	Importanc e Rank	Number of Problems	GQI Points	Level	Total Receiving	Remarks
No Part Reject related to Quality in  Month of Apr-16  Best										
Month of Aprilo  Best							7080			
	Total Points 0									

# PPM LEVEL TO HACPL Apr, 2015 to Mar, 2016





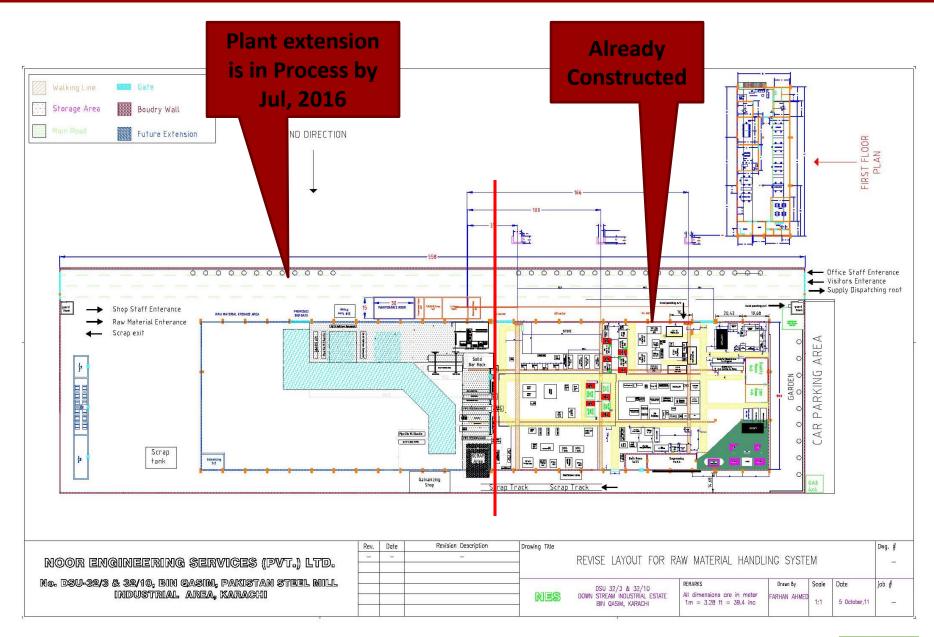
# PPM LEVEL TO Indus Motor Company 2009 - till to date



Zero PPM whole model 557-N

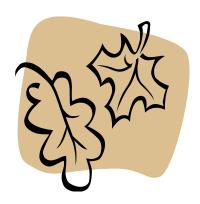
**Zero PPM since 242-L (New Model)** 







# STRIVING TOWARDS BRIGHTER FUTURE



Thank you very much

