Corrective Action Report

Corrective Action Report								
This report apply for:	□ System ■ Product □ Process (6 Orde	Order Number: 122482			
Inspector: Di Nan		Confirmed By	: Liang Zhang	Issu	ıe Date: 2014.5.23			
General Information:				•				
P. N. :	Descriptic OR OXYGE	on:BOSS, SENS	Company: Nanjin Best Internaion Co., Ltd.		Reject Rate: 2.25%			
The reason for this repo	ort:							
🗆 internal QA FAIL	Customer	Inspection FAI	IL 🗌 Custom	er Com	plaint 🗌 others:			
Defect Problem Description: M18×1.5-6H internal thread failed in thread go/no go gage								
1) Problem Definition an	nd Analysis	•						
What (what the problem is about, how describes it, what it is, etc)	M18×1.5-6H internal thread go gage cannot go, no go gage goes.							
How (how it was presented, how it happens, how is explained, etc)	Customers found above problem in the thread inspection, and feedback to us in the form of email to our company. At the same time, some of the substandard products will also be giving back for analyzing.							
When (When it was seen first time, how long it has been identified, etc)	Customer feedback on 23rd, May 2014(feedback one time on 4th, April, due to the small rate(actual rate is 0.3%) our company did not cause enough attention)							
Where (In which machine, which areas, physical place, location, etc)	The customer found the problem at their side.							
How Much (magnitude, quantities, amounts, dollars, metrics affected, etc)	135pcs							
2) Teamwork Building.								
Total documentation of the resources involved in problem solving methodology.								
Name *			(Employee tion)	Ro	ole (in the team)			
Liang Zhang		technical en	gineer	-	onsible for product velopment related technology			

Qin Ma		director the of production department	-	nsible for product duction schedule		
Di	i Nan	inspection engineer	Responsible for production schedule			
Yun Chen		purchasing engineer	_	ible for purchasing courcing related work		
		d/or remedies that suspend i onsecutive claims	mmediate	and absolu	tely the	
Containment Action *				Date	Resp.	
Recall the outso		nent products (if the product)	has been	2014-5-26	Yun Chen	
	, then quarantine a					
		pot check products under mak	king.	2014-5-27	Nan Di	
		hread gauge, do full theck or			Yun Chen	
	achined products	in caa gaage, as full theen of	i thi caa	2014-5-30		
ior rorrowing m						
A) Post Course A	nolucio					
4) Root Cause A		. 1 11 / 11 . / /1	. 11	. 1 11	. 1 .	
		nd capable to eliminate the		and all sec	ondary	
effects, also r		ntainment actions mentioned		. 1 1	1	
Problem		ading, residue at teeth botto	om were n	not cleaned	enough,	
Analysis	leading go gage					
(Logic to	2, wear of tool and thread go gage, resulting in go gage cannot go					
conclude the root	3. Fail to quarantine debugged products from productiong parts effectively					
cause)	when device was de	ebugging after tool change				
	3, Inadequate	sampling ratio, failed to dete	ect defec	tive product	ts timely	
	1, teeth bottom were not cleaned enough;					
Root Cause 2, wear of tool and thread gage;						
	3, when device was debugging, faile to quarantine debugged products					
	effectively					
Root Cause	-					
Verification						
(Verify through 1, teeth bottom were not cleaned enough;						
Experimentation	2, wear of tool and thread go gage;					
that the root						
cause detected	3, when device was debugging, faile to quarantine debugged products					
could provoke	effectively					
that the problem						
shows up or not)						
5) Permanent Co	rrective Actions.					
1, Add the	thread teeth bottom	n residue removal process;				
2. Make time schedule for change of tools and gages;						
3. Make work in	structions for debu	gging equipment				
4. To train operators and inspectors;						
5. Increase product sampling rate, if necessary, do full inspection						
1	Action >			Date	Resp.	
	ACCION .	-	1		weah.	

1, Add the t	thread teeth bottom residue removal process; workers to operate strictly according to structions			2014-5-30				
	n Corrective Action or quarantine the out-of-tolerance proc	Long-term effective		Di Nan				
	6) Corrective Actions Verification.							
Describe the way in which you verify that all actions have been implemented.								
Verification *			Date		Resp. Liang			
After adding thread bottom residue removal process, can feel go gage screw in smoothly		eel the	2014-5-30		Zhang Qin Ma Di Nan			
7) Recurrence Prevention. Describes which is the way in which you will be preventing that root causes like this could be originated again.								
	Action *	Doct	ument	Date	Resp.			
 update the product operation instruction; Strengthen the operator training and process inspection full check products with go/no go gage 		Employee trainning records Operation instruction		2014-5-31	Liang Zhang Qin Ma Di Nan			
8) Effectiveness Tracing According to customer feedback by E-mail, the qualification rate of thread go/no go gage check was improved, but still can not completely eliminate the issue.								
Confirm:	According to the result of customer feedback, although qualification rate of thread check was improved, but still can not completely eliminate the issue. The main reason should be caused by operator's inertial thinking after analysis of related departments.							
Date:	16th, June, 2014							
Engineer:	Liang Zhang, Di Nan, Yun Chen							