



## FIRST ARTICLE INSPECTION REPORT

CUSTOMER <b>ABC COMPANY</b>		DESCRIPTION <b>CASTING</b>				DATE <b>3/29/02</b>	PAGE NO. <b>1 OF 1</b>
PART NO. <b>1098765432-1</b>	REV. <b>B</b>	INSPECTOR <b>AML REPORT # 8614</b>	CAD FILE NAME/NUMBER		REV.	P.O. NUMBER	SERIAL #S <b>1 THRU 3</b>
PRINT NO. <b>1098765432</b>	REV. <b>B</b>	PRODUCT ENGINEER	WAX:	AS-CAST:	FINAL:X	OTHER:	100%:X PARTIAL:

Code	B/P Zone	B/P Specification	Tolerance	Actual Measurement PART 1	Actual Measurement PART 2	Actual Measurement PART 3	OUT OF TOLER.	INSPECT METHOD	Comments
1		PARTS FREE OF CRACKS, PITS VOIDS & CORROSION		COMPLIES	COMPLIES			VIS	
2		.010 FLASH	MAX	COMPLIES	COMPLIES			OC	
3		ALLOWABLE GATE REMNANTS		GATE PRESENT	GATE PRESENT			VIS	LOC. NOT SPECIFIED
4		R .045 (8)	± .005	0.0469 TYP.	0.0469 TYP.			RG	
5		0.1   B   D   E		(+) 0.179	(-) 0.175		<b>X</b>	CMM	2ND OPENING (TOP & BOTTOM)
6		0.05	± .005	0.0370	0.0290			CMM	
7		.100 (2)	± .005	0.0960 0.0985	0.0975 0.0990			DI	
8		R .015 (2)	± .005	0.0200 TYP.	0.0200 TYP.				
9		0.225	± .005	0.2261	0.2233			CMM	
10		R .070	± .005	0.0700	0.0700			RG	
11		R .375	± .005	0.3750	0.3750			RG	
12		R FULL		FULL R	FULL R			VIS	

### METHOD OF MEASUREMENT

CMM = COORDINATE MEASURING MACHINE	M = MICROMETER	HG = HEIGHT GAGE	P = PIN
OC = OPTICAL COMPARATOR	C = CALIPERS	R = RADIUS GAGE	O = OTHER(EXPLAIN)

ALL PROFILES REPORTED AS MATERIAL CONDITION. (-) = MINUS MATERIAL / (+) = PLUS MATERIAL  
 SP=PROFILE OF A SURFACE    LP=PROFILE OF A LINE    TP= TRUE POSITION    RFS=REGARDLESS OF FEATURE SIZE    LMC=LEAST MATERIAL CONDITION  
 MMC=MAXIMUM MATERIAL CONDITION