Approved By

SMIL R D CONFIDENTIA

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	Charles of the control of the contro		CAD a
	3,500	ted By-	Execute
)	MARKS:	REMA
	٠ _\$	Check assembly for making at MIVIC and LMIC.	69
	?	Check for general tolerance if applicable, roughness and welding symbols	89
	1		67
	7 2	Check for mass, scale, G.D & T standards, sheet No and date.	8 8
	1	Check for spelling mistakes	2 2
	١.	Check for missing notes, texts, symbols	63
	3	Check for missing dimensions	82
	S	Placement of views are proper. 100% dimensions check with respect to the input drawings if any	2 8
	HECKING.	FOR 2D PLOT C	4
		The second secon	
THE PROPERTY OF THE PROPERTY O	1	Check all other parameters as per A B & C contents block be	59
	3 5	Check they level sequence no. and description of EO on the ECM block	57
	2	Check EO report date and approval for revised EO	56
	2	Ensure current revision drawing with previous revision drawing & EO history log	55
	اد	All fillets to be represented symbolically, by default is off	54
7.70	ال	3D points are represented by double circle point.	53
	<u>د ار</u>		52
	1	Check for Coordinate systems (CS)/Coor	50
	7	Painting specifications mentioned	49
	اک	Welding symbols shown on drawing (if necess	48
	2	Check BOM preparation- material, standards as per SHARDA R&D/OEM's	47
	\$ \$	Note for tests and cleaning mentioned (if no	4 4
	\$	In section details, proper hatch pattern scale ensured.	4
T T T T T T T T T T T T T T T T T T T	3	Scale of detail views is adequate for proper visua	£
	5	No warning messages during regeneration of drawing.	42
	5	All annotations are related with the views.	41
	2	Ensure appropriate surface finish detail added.	4
	3	Round-in of the dimensions if necessary.	30 %
	, {	check no entities outside the drawing border.	37
The state of the s	2	All holes should be dimensioned from Center to center.	36
700000000000000000000000000000000000000	2 9	Critical dimensions from datum planes.	35
	5 !	Check for no duplicate dimensions.	34
	ς ζ	Use SHARDA R&D standard symbols	3 2
The state of the s	•	Standard font and text heights are used ROM1, ROM2 & 3.5, 5, & 7. respectively	3 2
	5		30
	5 5	Check for SHARDA R&D Material Specification.	29
	. (Check for proper label and scale of different views is sectional views	2
	\	12. Check Component weight,	
	5 (11. Standard scales are used j.1, 1:2,1:5,1:10,1:20,1:25,1:50,1:100.	
	5 5	7. Custonier. 10. Project number.	
	5	8. Drawing projection method.	
•	5	7. Customer	
777	\ 	6. SHARDA R&D part No	
	5 5	5. General tolerance.	
The state of the s	5	3. Drawing title	
1 11 11 11 11 11 11 11 11 11 11 11 11 1)	2. Date	
	5	I. Designer (name)	
	· <	Check the following details for the SHA	27
	, (Drawing file is named as per SHARDA R&D standards For	26
	72	Select the appropriate sheet size with respect to view s	24
	5	Check whether the drawing is started using SHARDA R&D drawing template.	23
	TO ANIMA OF		REMA
	5	Unnecessary surface and part to be removed before converting to any format	23
	§ (Check for model clashes if any?	22
	3	Check all components /parts are added correctly.	20
	5	Check for local and global interfer	19
	5	Check for proper constraints applied and all DOF removed.	17
	5	Check for proper fitting and assembly.	16
	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Ensured the correct SHARDA R&D environment for assembly.	15
<u> </u>			₹ 3 3 3 4
2	\	No warning messages during regeneration.	12
	3	No suppressed feature in the model tree	
	5	Error free model tree.	9
	15	Rounds, chamfers should be the last features.	<u></u>
	, \	While creating parts make sure that in infrastructure-part infrastructure-part	7 6
	S	In infrastructurepart infrastructuredisplay,	5
	25	b) Check for Automatic update option	
	3	a) Check for keen link the selected object	4
	<u>د</u> ا	In infrastructure-part infrastructuregeneral ,-	٠ س
	22	Check for parameter tree view in Tools-Options-Parameters & MeasureKnowledge	2
	Live	A R&D environment (ensure the	1
NA N NA Remarks			9.7
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Revision Date 18-07-2020		Doc No.: RND/DE/02 CAD Check List	
Revision No.	MENT	RESEARCH AND DEVELOPMENT	
Origin Date	Libaic	TSIIGNI AOTOM AUGAHS	

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