OSEINDIA FF-HIGHWAY	SAEINDIA TIFAN 2023-24	A
	Technical Inspection- Self Assessment Sheet	TIFAN
Team ID & Name		Date:
College/ University name		Location:
S.No	Rules / Criteria/Questions/Checkpoints	Requirements met (Yes/No)
1	Do all team members undertaking undergraduate degrees (B. Tech / B. E) with no postgraduate team members?	
2	Is SAE India Membership available for all team members?	
4	Maximum No of team memoers are 25, Ninimum nos is 25 Nos Is there a facility advisor available for the noniert?	
5	Does the team have a member from a farming background?	
6	Have video clips/photos been provided that cover students fabricating the equipment using the facilities available in the college?	
7	If team is utilizing outside facility for manufacturing any components, Appropriate documentation with consent and approval from Faculty and HOD is available	
8	Does the team have PPE (comprising of but not limited to - Safety cap, Safety shoes, safety goggles, gloves) with bills for atleast 3 team members?	
9	Has a design deviation report been submitted it applicable?	
10	is die sapining day standard per die roteolook? If the sanling trave are cutomized does the team bave a minimum of four cutomized trave available?	
12	Can the implement hold atteast 4 trays (2 would be in use and 2 would be in reserve) while functioning ?	
13	Is the machine provided with at least three tie-down points as per rulebook specifications to enable lifting with a crane or other means?	
14	Does the track (tread) width fall within the range of 1300 up to 1600 mm?	
15	Is the overall length of the machine less than 2500 mm?	
16	Is the attachment width less than 1800 mm?	
1/	is the overall neight or the machine less than 2000 mm/	
18	is une aucountern xeto weigni elss titali 400 Rgs: Lis the attachment compatible with both ISO-730 CATI and CAT II bitch geometry?	
20	is the attachment compatible with both 30-30-401 and C41 in mich geometry: Is the attachment compatible with both 30-30-401 and C41 in mich geometry:	
21	Is the team utilizing Ground wheel as a source of power?	
22	Is the team utilizing external battery as a source of power?	
23	Is the team using electric actuators?	
24	Is the team using hydraulic actuators?	
25	Does the implement has PLC based embedded system?	
20	Upper the implement is strained based embedded system? After the implement is strained and ready to perform work does it not have any connection/controls from the tractor other than speed change?	
28	The time implement of tradeter under table of the more any contract and the more and the table of table o	
29	Are the batteries mounted with sound engineering practice and not come loose during a roll-over of the machine?	
30	Has the team done any trial run attaching the implement with any tractor to ensure the implment does't interfere with any of the tractor components while functioning	
31	Is the battery safely placed and concealed to avoid contact with liquids?	
32	Are sealed connectors used for inline and at device termination?	
33	Are the wires properly insulated and not visible outside?	
34	Bare Writes are not visible outside.	
36	Does the implement use safety current switch for the bactery: Does the implement use neumatrics for any operation?	
37	Is the team using trailing tires as attachment ?	
39	Does the implement have machine number mentioned at the rear & side of the implement?	
40	Is the machine number placement meet the specifications (size 25x105 mm & number painted with black letters on white background)?	
42	Does the structural members (primary/secondary) meet the minimum specifications interms of size(1 in) and thickness (2mm)?	
43	Are the fastners used meet the rulebook specifications?	
44	Does the implement have guards available for all rotating components accesible/exposed from outside machine?	
45	Does the team have provided to the topological team topological team to the team team of the team team team team team team team tea	
47	Deciminant provision and even sponsor account of the implementation of the second	
48	Are all objects in the implement connected and secured safely to avoid looseing and falling off?	
52	Is the implement free from any leakage or seepage of fluid?	
53	Are material test reports or certifications specifying the carbon content and yield strength (primary structural members) available on demand by the technical inspection team at the site?	
54	When the machine frame is made of members which are made of multiple tubes joined by welding, is its reinforcement done using a welding sleeve?	
55	Are the sieeves designed to it tightly on the inside of the joint being reinforced?	
57	Are exercised seeves used in the machine trame? Did the team use any exernal sleeves for infining drives components?	
58	If a section other than a circular tube is used, have bending stiffness and bending strength calculations been done, and do they meet the rule book requirements?	1
59	Are any rotating and/or reciprocating parts fitted with body panels/protective shields without hampering the functionality of the machine?	
60	Are the above panels securely mounted to the frame using sound engineering practices, without using zip ties/tie bands?	
61	Is the material for the shield steel made with a minimum thickness of 1.5 mm?	
62	Do threaded fasteners used have a minimum of two threads coming out of nuts?	
63	Do threaded fasteners used have a minimum of SAE Grade 5/Metric Grade 8.8?	
65	n wry accession access we back with they inguing accession to the implementation of the and reading accession access	
66	Does team has any innovative feature in their implement?	1
Remarks:		
Sr. No.	Judge Name, Organization name	Signature
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2		
3		
4		