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Supplementary Regulations

2020 State Finals

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RE-ENGINEERING AUSTRALIA
FOUNDATION

AUTHORISED AGENT

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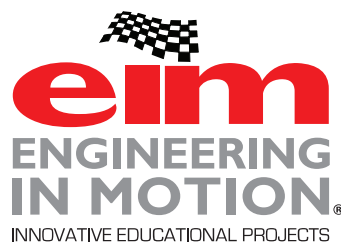


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ARTICLE S1 - PREFACE

Re-Engineering Australia Ltd. have determined that due to the impact of COVID-19 including but not limited to social distancing measures, restriction of large group gatherings, the closure of many state borders and a ban on school excursions, our State Final events will still proceed but under very different arrangements.

This document sets out new conditions relating to the submission of Project Elements - what and when - and how these will be judged.

These Supplementary Regulations apply only to the 2020 4x4 in Schools State Finals and overrides any corresponding regulations in the 2020/2021 Season Australian Competition Regulations.

If you feel there is any ambiguity surrounding the following instructions, please contact REA for clarification.

ARTICLE S2 - State Final Events

In 2020, there will be **NO** physical state final events conducted around Australia for 4x4 in Schools. Rather, all events will be run virtually with teams required to upload files electronically to an REA Google Drive by a nominated deadline. A decision regarding the Track Assessment of team 4x4 vehicles will be made as soon as possible and communicated to teachers.

There will be **NO** face to face or on-line interviews between teams and judges.

ARTICLE S3 - Timeframes

S3.1 Project Elements for Submission

S3.1.1 Electronic Files

ALL required electronic files as per S4.5 for **ALL** teams in every state **MUST** be uploaded via a link provided by REA no later than **11.59pm on Friday, 16 October 2020**.

S3.1.2 4x4 Vehicles

A decision is pending relating to the track assessment of all vehicles. A physical track event is preferred and if they go ahead this should take place between 16 October and 15 November. Physical track assessments will largely depend on our ability to travel interstate, social distancing measures, maximum group sizes and a school's policy on students being able to travel to an external location for this purpose.

S3.2 Judging

S3.2.1 Electronic Project Elements

All team project elements submitted electronically, will be assessed by independent judges between 17 October 2020 and 15 November 2020.

S3.2.2 4x4 Vehicle

Specifications judging and all track assessments will be managed and conducted by REA staff over the course of 1-2 days at a time to be determined but somewhere within 17 October 2020 to 15 November 2020. Trials will be conducted at one venue where teams will need to attend as scheduled..

S3.3 Results

Results will be sent to teams, state by state, commencing 17 November 2020 and complete no later than 20 November 2020.

ARTICLE S4 - Project Elements for Submission

Around two weeks prior to the submission deadline date, teams will be emailed a unique link to a google drive folder that they will be required to upload their electronic data to. Teams **WILL** require a Google account to facilitate this.

S4.1 General

- Uploaded files **MUST** be a team's final versions they are submitting for judging.
- **ALL** files **MUST** be clearly labelled.
- Team videos will take the place of interviews and presentations normally conducted at physical events.
- The content of the videos **SHOULD** be aligned with the relevant scorecard criteria.
- Teams are **NOT** to wear a team uniform in any of the recorded assessable content. See S5.4 for more information.

S4.2 File Formats

- Videos **MUST** be submitted as separate **AVI** or **MP4** files.
- Documentation **MUST** be submitted as separate **PDF** files
- CAD files **MUST** be submitted as **STEP** files
- Renders **MUST** be submitted as high quality **PICTURE FILES**

S4.3 Video Detailed Information

S4.3.2.1 Engineering Videos

- Each topic (CAD, Manufacturing & Testing) **MUST** be submitted as separate videos
- 'Testing' video is optional
- The combined total time for all three videos is a maximum 12 minutes.
E.g. 3 x 4 minute videos

S4.3.2.2 Trade Display Video

- No physical display is to form part of a team's assessable video content. See S5.3 for more information.
- The maximum total time of the submitted video content is 10 minutes

S4.3.2.3 Verbal Presentation Video

- The maximum total time of the submitted video content is 10 minutes

S4.4 Penalties

S4.4.1 Late Submission

If Project Elements are not received by Re-Engineering Australia Foundation on or before the required deadline, or in the required format, **those elements will NOT be eligible for assessment.**

S4.4.2 Overtime Videos

A penalty of **20 points** will be applied for each judging category video that exceeds the maximum time as per S4.3

S4.4.3 Wearing of Team Uniform

A penalty of **20 points** will be applied for each judging category video where any team member wears a uniform in violation of S4.1

S4.5 Project Elements Submission Checklist

The following team Project Elements **MUST** be received on or before 16 October 2020 as per S3.1.

	Project Element	Submission Format	Judging Criteria	
<input type="checkbox"/>	1 x Engineering Portfolio	Electronic: PDF	<ul style="list-style-type: none"> Engineering: Manufacturing Engineering: Design Process Portfolio: Design 	
<input type="checkbox"/>	1 x Engineering Compliance Booklet	Electronic: PDF	<ul style="list-style-type: none"> Engineering: Specifications Engineering: CAD 	
<input type="checkbox"/>	1 x Enterprise Portfolio	Electronic: PDF	<ul style="list-style-type: none"> Portfolio: Project Management Portfolio: Design Marketing: Branding 	
<input type="checkbox"/>	Optional Testing Document	Electronic: PDF	<ul style="list-style-type: none"> Engineering CAD 	
<input type="checkbox"/>	Design Development Brief	Electronic: PDF	<ul style="list-style-type: none"> Marketing: Trade Display 	
<input type="checkbox"/>	4x4 Vehicle Finishing Form	Electronic: PDF	<ul style="list-style-type: none"> For use by REA 	
<input type="checkbox"/>	Media Consent Form	Electronic: PDF	<ul style="list-style-type: none"> For use by REA 	
<input type="checkbox"/>	Student Code of Conduct Form	Electronic: PDF	<ul style="list-style-type: none"> For use by REA 	
<input type="checkbox"/>	High Quality Renders	Electronic: Picture Files	<ul style="list-style-type: none"> For use by REA 	
<input type="checkbox"/>	ALL Engineering CAD Files	Electronic: STEP Files	<ul style="list-style-type: none"> Engineering CAD For use by REA 	
<input type="checkbox"/>	ALL Trade Display CAD Files	Electronic: STEP Files	<ul style="list-style-type: none"> For use by REA 	
<input type="checkbox"/>	Engineering CAD Video	Electronic: AVI or MP4	Combined total of Max 12 Min	<ul style="list-style-type: none"> Engineering CAD
<input type="checkbox"/>	Engineering Manufacturing Video	Electronic: AVI or MP4		<ul style="list-style-type: none"> Engineering: Manufacturing
<input type="checkbox"/>	Engineering Testing Video	Electronic: AVI or MP4		<ul style="list-style-type: none"> Engineering CAD Engineering Design Process
<input type="checkbox"/>	Trade Display Video	Electronic: AVI or MP4	Max 10 Min	<ul style="list-style-type: none"> Marketing: Branding & Trade Display
<input type="checkbox"/>	Verbal Presentation Video	Electronic: AVI or MP4	Max 10 Min	<ul style="list-style-type: none"> Verbal Presentation: Technique & Content
<input type="checkbox"/>	1 x 4x4 vehicle complete with sticker decals	Brought to trial venue - TBC		<ul style="list-style-type: none"> Trials

ARTICLE S5 - General Advice

S5.1 Team Registration Deadline

The deadline for **ALL** Team Registrations has been extended until 31 August 2020. However, earlier registration would be appreciated for planning reasons.

S5.2 4x4 Vehicle Sticker Decals

Once the Team Registration deadline has expired, REA will post to schools the required 4x4 vehicle sticker decals for each registered team.

S5.3 Trade Displays

Teams are **NOT** to build a physical Trade Display or manufacture any of its contents as part of their evidence submitted for assessment. Rather, teams are required to produce a 3D model of their final trade display which simulates exactly what would be presented to judges in a physical form. Teams should carefully read the updated 2020 Trade Display scorecard.

Note: Packaging Restriction criteria will **NOT** be assessed for 2020 State Finals.

S5.4 Team Uniforms

Teams are **NOT** to manufacture Team Uniforms for the 2020 State Finals. Rather, teams are to 'propose' a Team Uniform within their Enterprise Portfolio. Judges will be advised to **ONLY** assess a 'proposed' team uniform from within the Enterprise Portfolio. Team members appearing in person in their videos, and when attending track assessment activities, are advised to wear their School Uniform.

S5.5 Scrutineering

If physical track assessments are conducted, experienced REA staff and/or independent scrutineers will gather at the venue hosting the track assessment to undertake this process immediately prior to the commencement of, and on the same day as, the track activities.

S5.6 Rectification

If physical track assessments are conducted, the process of Rectification post Specifications judging will be offered to teams as per the conditions outlined within the Australian Competition Regulations.

S5.7 4x4 Vehicle Repairs

If physical track assessments are conducted, teams will be afforded the opportunity to repair 4x4 vehicles during these activities as per the conditions outlined in the Australian Competition Regulations.

S5.8 Video Content

As with any assessable content, teams are strongly encouraged to address **ALL** of the required criteria as per the relevant scorecards. Teams have a unique opportunity to record a shared desktop to include a walk through of their CAD design/s and other document content whilst providing an explanation or commentary via a voice overlay. Teams should refine and edit video content to ensure they are succinct and do not exceed the maximum time length.

S5.9 Plagiarism

From 2020, plagiarism detection software 'Turnitin' will be used to check the authenticity of content in all teams' state and national final portfolios.

Content in team portfolios found to have been plagiarised, will not be assessed as part of the judging process resulting in zero marks for the relevant criteria.

State Final teams **ONLY** will be given free access to this software to upload their portfolios and make required changes based on a report of results provided by Turnitin. Multiple uploads can be made to check the authenticity of team portfolios.

Judges **WILL** be provided with a **FINAL** report generated by REA based on the content teams upload after the submission deadline.



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