



2025 FRASER COAST AGRICULTURE SHOW

2025 Show Theme: "Our Rich History"
150 years 1875-2025

SECTION 36:

LAPIDARY

Thursday & Friday, 22nd & 23rd May 2025

Section Sponsors:

Maryborough Gem & Mineral Society Inc.
Hart of Hair
Maryborough Pensioners Bingo

We gratefully acknowledge the continuing sponsorships by Businesses and Individuals

MARYBOROUGH GEM & MINERAL SOC. INC.

P.O. BOX 860
MARYBOROUGH QLD 4650

Visitors are most welcome.
No experience needed.
Lapidary equipment on site.
Experienced tutors available.
Create your own beautiful
Cabachons, Faceted Jewels or
Silver Jewellery.

**For more information
Call 0408 061 724**



MEETING TIMES:

Tuesdays 9:00am to 11:30am.
Wednesdays 7:00pm to 10:00pm.



GENERAL REGULATIONS

(For the conduct of competitions at Queensland Ag Shows affiliated Queensland Agricultural Shows)

Subject to the Rules, By-Laws and Regulations of the Queensland Chamber of Agricultural Society's Inc. (Queensland Ag Shows) and the society relevant to this schedule (Fraser Coast Agriculture Show Society Inc.), the following regulations shall apply. Where there is a conflict between these regulations and the regulations and the rules of the local Agricultural Society, (Fraser Coast Agriculture Show Society Inc.), the rules of the Affiliated Agricultural Society prevail.

GENERAL REGULATIONS AND ACCEPTANCE OF ENTRIES

1. The attention of Exhibitors is drawn to the fact that entries are accepted subject to the Rules, By-Laws and Regulations of the Queensland Ag Shows and the Fraser Coast Agriculture Show Society Inc. in addition to any Special Regulations which appear in this schedule. Copies of the Rules and By-Laws may be obtained the Queensland Ag Shows website www.queenslandshows.com.au/competitions or the show society relevant to this schedule (Fraser Coast Agriculture Show Society Inc.)
2. These By-Laws and Regulations, together with Special Regulations and notes as set forth in the respective sections of the Competition Schedules or Catalogues, are to be the conditions of competition. In these By-Laws, the Regulations, the Special Regulations and notes the words "entry form" shall, unless the context otherwise indicates or requires mean the form supplied by the Show to persons desiring to apply to enter an Exhibit in any of the Show's competitions or to compete in any event which those persons are required to complete and lodge with the Show in order to apply to do so.
3. Subject to this by-Law and to any Regulation, Special Regulation or condition of Entry in any section or class (a) An Exhibit must be the bona fide property of the person who enters the Exhibit or class.
4. In any class in which entries are accepted from a club or other groups of Owners, the name of the club or particulars sufficient to identify the group shall be stated on the Entry Form together with a statement of the name and address of a person who is authorised to act on behalf of the club or group in relations to all matters relating to the entry. The Show shall be entitled to deal with the person so authorised as if he were the sole Owner of the Exhibit and delivery or payment to that person or the club or group by whom such person is authorised to act of any trophy prize or moneys won by or payable in respect of the Exhibit shall be a complete discharge to the Show.
5. Entries entered in the wrong class by the Exhibitor/Competitor may be transferred to the proper class by the Chief Stewards.
6. In the case of insufficient numbers being nominated or shown in any class, the society retains the right suspend classes at any time. The section Chief Steward retains the right to reduce prize money where classes are not sufficiently patronised.
7. **The Fraser Coast Agriculture Show Society Inc. is operating under the Queensland Ag Shows and the Maryborough Showgrounds & Equestrian Park covid safe plan. You must adhere to COVID safe key principles that apply to Maryborough Showgrounds & Equestrian Park and the Fraser Coast Agriculture Show Society Inc.**

JUDGING

8. Judging will be performed by a Judge or panel of Judges appointed by the Fraser Coast Agriculture Show Society Inc.
9. In all affiliated Agricultural Show Sections, Judges should not judge the same section within a two (2) year period of the same show.
10. An exhibitor shall not compete in a section if the Exhibitor is a member of the Judge's immediate family.
11. Any person causing a nuisance by loud comments, or the decision of the judge or otherwise unseemly behaviour will, after being cautioned, be expelled from the judging area and in the case of exhibitors, be liable for disqualification.
12. All Judges and Stewards who accept engagements with Queensland Ag Shows and Show Societies must follow the rules set in the Code of Practice and Conduct – Show Judges and Stewards document obtained from the Qld Ag Shows website www.queenslandshows/competitions or the show society relevant to this schedule (Fraser Coast Agriculture Show Society Inc.)

NOTICE TO INTENDING EXHIBITORS

13. Entries for the upcoming Fraser Coast Agriculture Show can be made as described for each section in this schedule. Entries submitted other than on the correct form or online will be returned to the Exhibitor and, unless all requirements are complied with, and the forms returned to the Fraser Coast Agriculture Show office by completion of business on the closing date, as shown in this Schedule, they will not be considered.
14. Notwithstanding the provisions of General Regulation 6, late entries may be accepted at the discretion of the Section Chief Steward.
15. Entries are accepted subject to the Rules, By-Laws and Regulations of the Society, in addition to any Special Regulations, which appear in the Schedule. All completed Entry Forms remain the property of the Fraser Coast Agriculture Show Society Inc. and are to be returned to the Fraser Coast Agriculture Show Society Inc. office after the Show for further office procedures as required.
16. Exhibitors whose entries have not been accepted shall be advised accordingly and entry fees refunded.
17. The Exhibitor must complete the Exhibitor's Declaration on the Application for Entry. Queensland Ag Shows recommends that the Exhibitor seeks professional advice before completing the Exhibitor Declaration.
18. The exhibitor irrevocably consents to the Society publishing or reproducing in any manner whatsoever any particulars or information in relation to their exhibits; the publication or reproduction may be in a printed form or visual image through electronic means and/or on the internet. **See Over**

PRIVACY STATEMENT

- 19 The information provided by Exhibitors is used by the Queensland Ag Shows and the Fraser Coast Agriculture Show Society Inc. to organise, process and conduct competitions at the relevant agricultural show (Fraser Coast Agriculture Show), sub chamber and state finals. By entering such competitions, you consent to your personal information being used for this purpose including this information being made available to sponsors, breed Associations, the media, the public, promotional purposes, archival purposes, published in publications and could be made available to other third parties for the purpose of promoting the Queensland Agricultural Show movement, or as otherwise required by law. Queensland Ag Shows and the Fraser Coast Agriculture Show Society Inc. have the right to take or use photographs of exhibits or exhibitors (and or property) and use photos in any or all marketing and media worldwide including online, now and in the future. Exhibitors have a right of access to and alteration of personal information concerning themselves in terms of the Privacy Act. This may be done by contacting Queensland Ag Shows.

WORKPLACE HEALTH AND SAFETY

- 20 All Queensland Ag Shows affiliated Society's Showground's are designated workplaces within the meaning of the Workplace Health and Safety Act 2011 and exhibitors / competitors are required to ensure that they and all persons under their direction or control, including their contractors or subcontractors, comply with all requirements of the Act and Queensland Ag Shows holds each exhibitor responsible to discharge its obligations to provide and maintain a safe place and system of work during occupation by the exhibitor/competitor of any area of the affiliated Agricultural Society's Showground's.
- 21 Each exhibitor/competitor will assess the risk to themselves, staff, volunteers, family, other exhibitors, Agricultural Society staff, show visitors, children and any person foreseeably affected by the presentation of their exhibit.
- 22 Risks identified by exhibitors/competitors will be eliminated or controlled by the exhibitor/competitor and particular attention will be paid to ensuring public safety and safety of other exhibitors/competitors.
- 23 Exhibits will only be held and handled by competent persons whose experience is known to the Exhibitor/Competitor.
- 24 A "No Smoking Policy" will be strictly adhered to by exhibitors/competitors. Smoking areas are marked in "ORANGE MARKINGS/FLAGS" which are located near the Cane & Cattleman's Bar & far end of Working Heritage display.. No food or drink is allowed in the smoking area. The exhibitors/competitors are advised that the use of Primus stoves, any heating or lighting appliances of a like character, or any naked light, is strictly prohibited in pavilions.
- 25 Any exhibitors/competitors intending to bring electrical equipment to the Showground's will be required to ensure that such equipment is fitted with earth leakage circuit breakers/residual current protection and that all electrical leads, tools and appliances have been inspected by a licensed electrical contractor and currently tagged. The use of double adaptors is prohibited as well as all power boards must also be tested and tagged. This is essential for the safety of all exhibitors and the general public and is a requirement of the current Electrical Safety Regulations.
- 26 All exhibitors/competitors will comply with the requirements of the Act and its Regulations and Standards in every other respect. This is essential for the safety of all exhibitors/competitors and the general public. The Act imposes very severe penalties in the event of noncompliance with its provisions. Any exhibitors/competitors who do not comply will not be allowed to exhibit at QCAS affiliated Shows.

DISCLAIMER

- 27 The information contained in the Competitions Schedule is gathered for the purpose of providing information to Exhibitors and show patrons. The information is a compilation of information provided by third parties and the QCAS. and affiliated Agricultural Society's does not warrant its accuracy and advises that any such information may be subject to change or amendment occurring at any time and thereby making the information incorrect. Subject to the QCAS legal obligations and responsibilities if you require confirmation of any information, please contact the QCAS Office.

PRIZES AND GST

- 28 The Australian Taxation Office has deemed that GST is payable on prizes if an Exhibitor is registered for GST and enters an Exhibit as part of a business enterprise.
- 29 The information an Exhibitor provides on the Application for Entry determines whether GST is applicable.
- 30 Any prize stated in this Schedule does not include GST.
- 31 GST will not apply:
- (a) If an Exhibitor enters an Exhibit as a hobby or private recreational pursuit; or
 - (b) If an Exhibitor enters an Exhibit as part of a business enterprise, the Exhibitor has an ABN, but the Exhibitor is NOT REGISTERED for GST.
 - (c) If an Exhibitor enters an Exhibit as part of a business enterprise, the Exhibitor is not entitled to an ABN as the business or enterprise is not operating in Australia.
- 32 GST will apply if an Exhibitor enters an Exhibit as part of a business enterprise, the Exhibitor has an ABN, and the Exhibitor is REGISTERED for GST.
- 33 Where GST applies, the Society will pay the prize money quoted in this Schedule plus 10% GST. The Society will issue a recipient created tax invoice.
34. All cash prizes, sashes, cards and trophies etc. must be claimed within 4 weeks from the closing date of the show. Prizes not claimed will become a donation to the Fraser Coast Agriculture Show Society.

SECTION 36: LAPIDARY

Thursday & Friday 22nd & 23rd May 2025

THANKS TO OUR SPONSORS:

Maryborough Gem & Mineral Society Inc.

Hart of Hair

Maryborough Pensioners Bingo

Chief Steward: Carmel House 0448061737

Stewards:

Barry House: 0408061724

Selina House

Judges: Members affiliated with the Australian Federation of Lapidary and Allied Craft Association Inc. and judged according to the AFLACA Rule Book No. 8.

Section Conditions:

1. **Entries Close 3:30pm Friday 25th April 2025.** All entries to be at Gem Club - Airport Drive or PO Box 860 Maryborough 4650.
No late entries accepted at Show Office
2. The Lapidary Diagrams for Classes 8A.N, 9B.N, 10.1.N, 11.1.N, 0.8A, 0.10.1, 0.10.2 and 0.11.1 are attached for reference.
3. Schedules are available on website: www.frasercoastagshow.com or Show Office 84 Gympie Road, Tinana. 9am - 3pm Tuesday & Thursday only.
4. All faceted stones must be submitted in a suitable box for display (circumference or square 28mm).
5. Judging will be according to the rules and regulations as set down in the Judging Manual No 8, and will be carried out in Bundaberg. Judges decision is final.
6. Exhibitors have the right to make **3 entries in any class.**
7. Exhibits are to remain on display in the Community Pavilion until 7.30pm Friday 23rd May 2025.

8. Entries returned by prepaid post or prior arrangement.

Entry Fees: \$1.00 per entry (incl. GST)

Prizes: Cards and Cash

Prizes:	1st	2nd	3rd
	\$8	\$5	\$3

CHAMPIONSHIPS:

Champion Open: \$25 and Sash

Champion Novice: \$10 and Sash

Most Points Lapidary:

Name will be put on the Ron and Jean Woodhouse Perpetual Memorial Trophy plus personal trophy donated by: **Maryborough Gem & Mineral Society Inc. and Sash**

PRESIDENT'S ENCOURAGEMENT

AWARD: Sash

Chosen from all classes by the Fraser Coast Agriculture Show President or nominated representative.

To assist everyone with their entries, please refer to the page numbers and schedule classes listed so you can review the judging sections. Be sure to read thoroughly before submitting your entry.

Lapidary item definition can be found on page 19 of AFLACA judging manual.

Main definitions of each section can be found:

1. **Sections 1 to 17 pages 19 to 20**
2. **Sections 18 to 28 pages 63 to 65**
3. **Sections 29 to 31 pages 87 to 91**
4. **Sections 34 to 38 pages 107 to 117**

Each faceted stones must be submitted in a suitable box for display. Both sides of the entry sheet needs to be filled out and placed in with entries. If there are 3 entries in a class, only a first place will receive prize money. All stones to be named on entry sheet.

NOVICE:

Class 1A.N: STANDARD CABOCHON – judged on craftsmanship. Minimum size 15mm on short axis.

Pages 22-27

OPEN:

Class 1A: STANDARD CABOCHON - judged on craftsmanship. Minimum size 15mm on short axis. **Pages 22-27.**

CLASS 1B: FANCY CABOCHON – judged on craftsmanship. Minimum size 15mm on short axis. Natural material.

CLASS 3B1: FREEFORM CABOCHON – judged on craftsmanship. Minimum size 10mm hole, maximum 50mm long axis. Natural material. **Page 32.**

CLASS 3B2: FREEFORM SOLID OPAL ONLY - May contain matrix. Maximum size 60mm on long axis and must not pass through 10mm hole. Judged on craftsmanship. **Page 32.**

NOVICE: FACETED

CLASS 8A.N: STANDARD ROUND BRILLIANT WITH CONTINUOUS GIRDLE. Cut in Topaz. Minimum size 7mm (see diagram)

CLASS 9B.N: STANDARD SQUARE CUT WITH CUT CORNERS. Cut in Smoky Quartz (see diagram).

Class 10.1N: BEGINNER TRILLION MODIFIED STANDARD – Cut in coloured quartz (see diagram).

CLASS 11.1N: CHECKER OVAL – Cut in Cubic Zirconia (See diagram). Minimum size 8mm.

OPEN: FACETED

CLASS 0.8A: FACETED STANDARD ROUND BRILLIANT WITH CONTINUOUS GIRDLE. Cut in Topaz. Minimum size 8mm (See diagram)

CLASS 0.10.1: ANOTHER NINE MAN HEART – MODIFIED. Standard cut in coloured quartz (see diagram).

CLASS 0.10.2: WISELAND STAR – MODIFIED- Standard cut in Amethyst (See diagram).

FANCY CUT

CLASS 0.11.1:– SUNBRIGHT. Cut in Cubic Zirconia (See diagram).

CLASS 12A: TUMBLED STONES – Any three different materials. Minimum size must not fit through 15mm hole with maximum size 40mm. **Page 55.**

CLASS 13A: POLISHED FLAT FACE SPECIMEN – Minimum 50mm, maximum 150mm. **Page 57-58.**

Class 17A: NOVELTY - Natural Lapidary Material. Lapidary material must dominate. No commercial stones. No carving. Minimum size 80mm, max size 300mm including base or mounting material if used. Label stating what item represents and main material used. Label not judged. **Page 62.**

CLASS 18A: HAND FABRICATED JEWELLERY

Hand fabricated, cast, metal, clay or combined jewellery **Not** intended to include Lapidary, Fossil or mineral items. **Page 66.**

CLASS 18B: Jewellery in which Lapidary item/s cut by entrant are set. Must contain at least one item of Lapidary for sections in Groups 1-12 and 15 to (D2.1 to D2.5). **Page 66.**

CLASS 18C: HAND FABRICATED JEWELLERY- with lapidary item cut and set by entrant. **Must contain natural and/or mineral specimens set by entrant.** **Page 66.**

CLASS 18D: HAND FABRICATED JEWELLERY - with any commercial Lapidary item set by entrant. **Not one part of this jewellery is to be brought including bails.** **Page 66.**

Class 18E: WIRE WRAPPED JEWELLERY – Formed by wrapping wire around an article of lapidary, fossil or mineral prepared and set by entrant. **Page 66.**

Class 21A – CAST JEWELLERY, COMMERCIAL MOULD/PATTERN: Not intended to include lapidary item. **Page 69.**

CLASS 22A: DROP CASTING – **NOT** intended to include Lapidary item. **Page 70.**

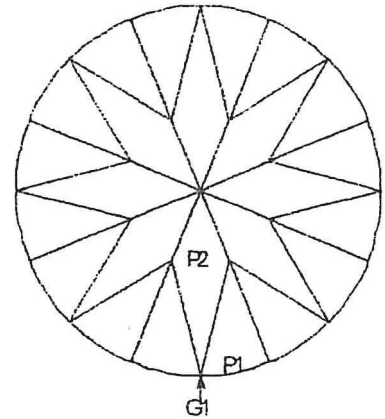
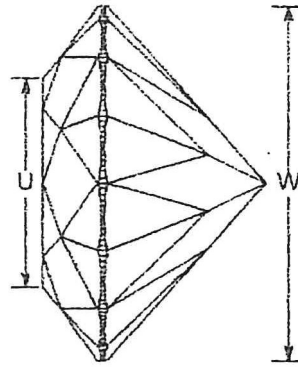
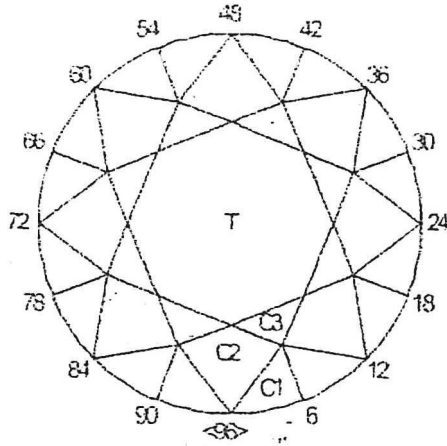
CLASS 22D: DROP CASTING with Commercial Lapidary item. **Page 70.**

CLASS 32A: NATURAL AUSTRALIAN FOSSIL – As per Page 101 Judging Manual No.8

FRASER COAST SHOW 2025

Section 36 – Lapidary Standard Round Brilliant with Continuous Girdle – Novice 8A.N

To be cut in Topaz. Minimum size 7mm



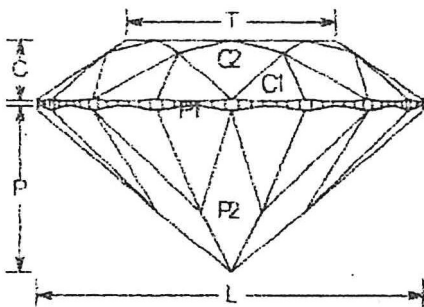
Standard Round Brilliant (Continuous Girdle)

Meets: 41 (Crown 24, Pavilion 17)

Angles for R.I. = 1.620

57 + 1 girdles = 58 facets
8-fold, mirror-image symmetry
96 index

$L/W = 1.000$ $T/W = 0.533$ $U/W = 0.533$
 $P/W = 0.428$ $C/W = 0.159$
 $Vol./W^3 = 0.208$



PAVILION

P1	42.00°	03-09-15-21-27-33-39-45-51-57-63-69-75-81-87-93	Cut to T.C.P.
G1	90.00°		Establish outline size.
P2	40.00°	96-12-24-36-48-60-72-84	Meet P1, P1 at girdle.

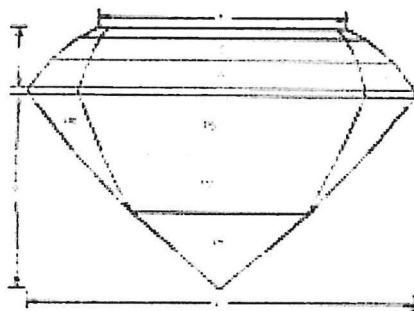
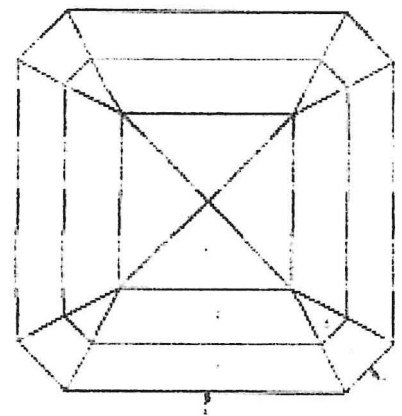
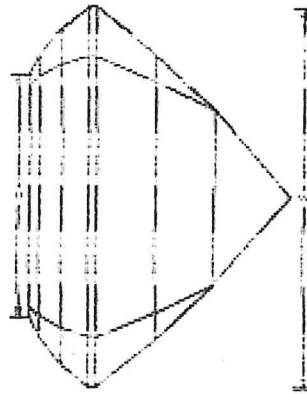
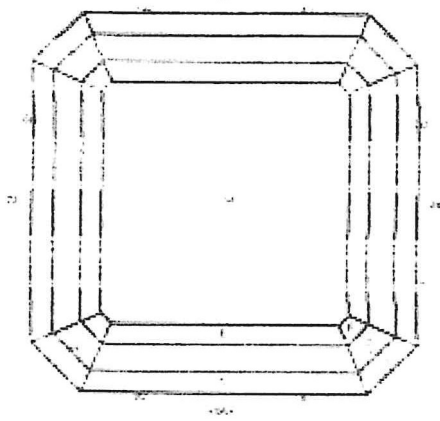
CROWN

C1	37.81°	03-09-15-21-27-33-39-45-51-57-63-69-75-81-87-93	Establish girdle width.
C2	33.00°	96-12-24-36-48-60-72-84	Meet C1, C1 at girdle.
C3	19.20°	06-18-30-42-54-66-78-90	Meet C1, C2, C2 & C1.
T	0.00°	Table	Meet C3, C2 & C3.

FRASER COAST SHOW 2025

Section 36 – Lapidary Standard Square Step cut with Cut Corners – Novice 9B.N

To be cut in Smoky Quartz



STANDARD SQUARE STEP CUT WITH CUT CORNERS

Angles for R1 = 1.540

Designer Unknown

45 + 8 girdles = 53 facets

4-fold radial symmetry

96 index

LW = 1.000 TAW = 0.553 UAW = 0.553

H/W = 0.505 G/W = 0.155

Vol AW = 0.312

PAVILION

P1	41.00°	96-24-48-72	Set PCP
P2	46.00°	96-24-48-72	Cut to Estimate
P3	51.00°	96-24-48-72	Cut to Estimate
G1	90.00°	96-24-48-72	Size stone, form girdle line
P4	44.00°	12-36-60-84	Meet P1, P2
P5	49.00°	12-36-60-84	Level girdle, meet P2, P3, G
G2	90.00°	12-36-60-84	Level Girdle, meet P3, P4, G

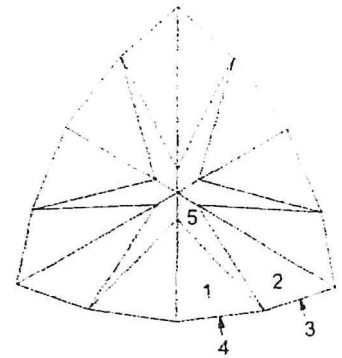
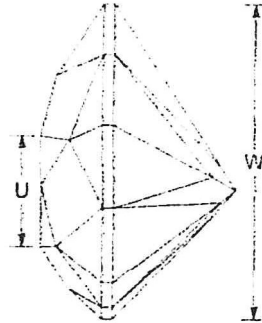
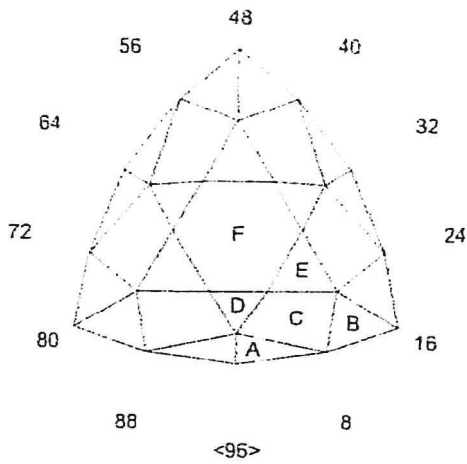
CROWN

C1	50.00°	96-24-48-72	Set girdle thickness
C2	50.00°	12-36-60-84	Level, meet C1, G
C3	40.00°	96-24-48-72	Cut to estimate
C4	40.00°	12-36-60-84	Level, Meet C1, C2, C3
C5	25.00°	96-24-48-72	Cut to estimate
C6	25.00°	12-36-60-84	Level, meet C3, C4, C5
T	0.00°	Table	Cut to estimate, meet C5, C6

FRASER COAST SHOW 2025

Section 36 – Lapidary Beginner Trillion Modified Standard – Novice 10.1N

To be cut in Coloured Quartz



Beginner Trillion

by Michiko Huynh (December 2009)

Angles for R.I. = 1.540

43 + 12 girdles = 55 facets

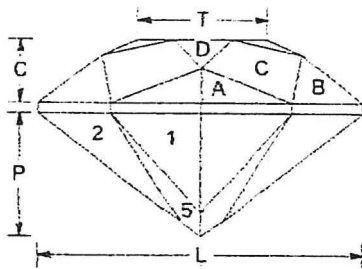
3-fold, mirror-image symmetry

96 index

$L/W = 1.022$ $T/W = 0.403$ $U/W = 0.349$

$P/W = 0.388$ $C/W = 0.198$

$Vol./W^3 = 0.187$



PAVILION

1	44.00°	02-30-34-62-66-94	Cut to the center point
2	41.50°	05-27-37-59-69-91	Cut to the center point
3	90.00°	05-27-37-59-69-91	
4	90.00°	02-30-34-62-66-94	
5	42.70°	03-29-35-61-67-93	Optional

CROWN

A	49.10°	02-30-34-62-66-94
B	41.00°	05-27-37-59-69-91
C	40.10°	04-28-36-60-68-92
D	33.75°	96-32-64
E	14.00°	16-48-80
F	0.00°	Table

FRASER COAST SHOW 2025

Section 36 – Lapidary Checker Oval – Novice 11.1N

To be cut in Cubic Zirconia Minimum size 8mm

Facet Design Vol 1A

Facets 74: Meets 54 (Crown – 31, Pavilion – 23)

Angles for R.I. = 2.160

58 + 16 girdles = 74 facets

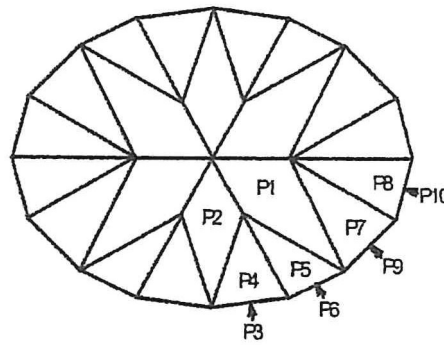
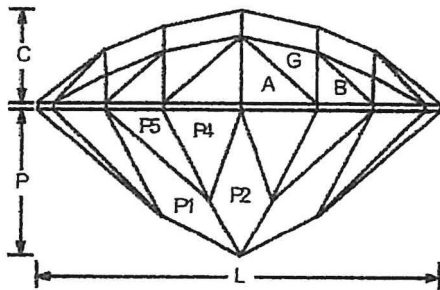
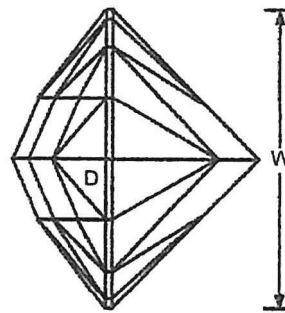
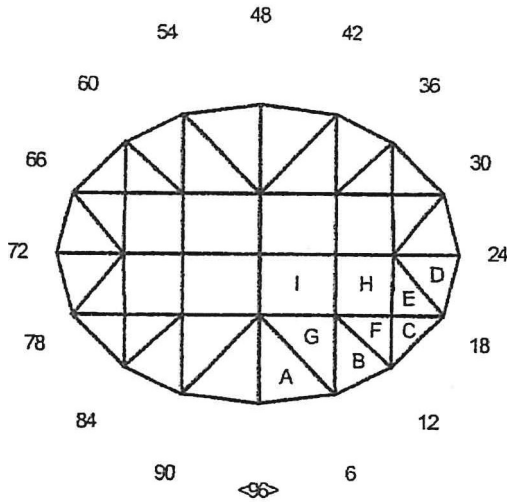
2 fold, mirror-image symmetry

96 index

L/W = 1.334

P/W = 0.445 C/W = 0.238

Vol./W³ = 0.285



PAVILION

P1	38.18°	10-38-58-86	Cut PCP
P2	41.66°	96-48	Cut to meet PCP
P3	90.00°	02-46-50-94	Establish girdle using P1 & P2 as guides
P4	43.16°	02-46-50-94	Form meetpoint with girdle facet P3
P5	41.26°	07-41-55-89	Meet P4-P2
P6	90.00°	07-41-55-89	Meet P4-P5
P7	39.17°	12-36-60-84	Meet P5 with girdle facet P6
P8	39.17°	20-28-68-76	Meet P7-P1
P9	90.00°	12-36-60-84	Level girdle to meet P1-P7
P10	90.00°	20-28-68-76	Level girdle to meet P7, P8 and P9

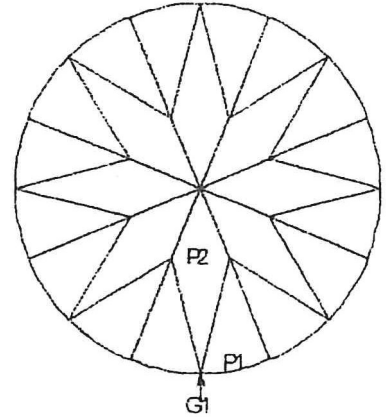
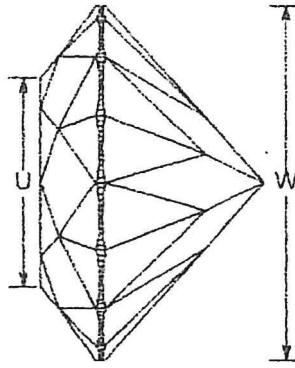
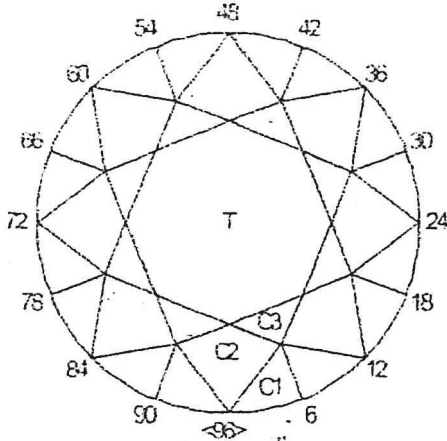
CROWN

A	30.00°	02-46-50-94	Set girdle width
B	28.44°	07-41-55-89	Set girdle width
C	28.35°	12-36-60-84	Set girdle width
D	31.63°	20-28-68-76	Set girdle width
E	26.90°	13-35-61-83	Meet D-C at girdle
F	26.90°	11-37-59-85	Meet C-B at girdle
G	27.17°	05-43-53-91	Meet A-B at girdle
H	25.28°	12-36-60-84	Meet C-F-E, E-D
I	20.42°	07-41-55-89	Meet G-B-F, A-G

FRASER COAST SHOW 2025

Section 36 – Lapidary Standard Round Brilliant with Continuous Girdle – Open O.8A

To be cut in Topaz. Minimum size 8mm



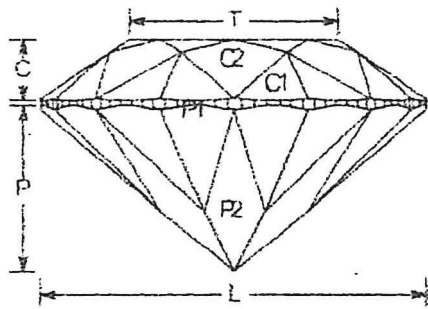
Standard Round Brilliant (Continuous Girdle)

Meets: 41 (Crown 24, Pavilion 17)

Angles for R.I. = 1.620

57 + 1 girdles = 58 facets
8-fold, mirror-image symmetry
96 index

$L/W = 1.000$ $T/W = 0.533$ $U/W = 0.533$
 $P/W = 0.428$ $C/W = 0.159$
 $Vol./W^3 = 0.208$



PAVILION

P1	42.00°	03-09-15-21-27-33-39-45- 51-57-63-69-75-81-87-93
G1	90.00°	
P2	40.00°	96-12-24-36-48-60-72-84

Cut to T.C.P.

Establish outline size.
Meet P1, P1 at girdle.

CROWN

C1	37.81°	03-09-15-21-27-33-39-45- 51-57-63-69-75-81-87-93
C2	33.00°	96-12-24-36-48-60-72-84
C3	19.20°	06-18-30-42-54-66-78-90
T	0.00°	Table

Establish girdle width.

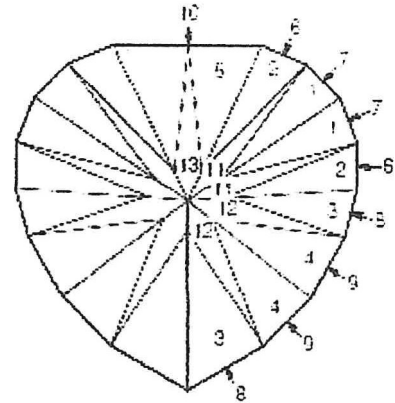
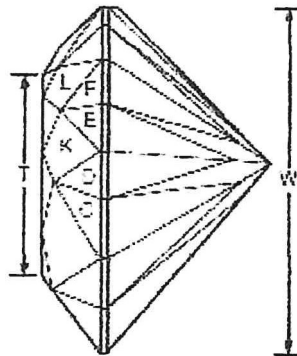
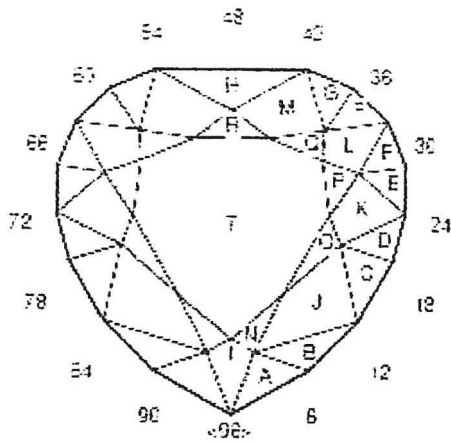
Meet C1, C1 at girdle.
Meet C1, C2, C2 & C1.
Meet C3, C2 & C3.

FRASER COAST SHOW 2025

Section 36 – Lapidary Another Nine Main Heart – Open O. 10.1

Modified Standard

To be cut in Coloured Quartz



Another Nine Main Heart

Angles for R.I. = 1.540

63 + 17 = 80 facets

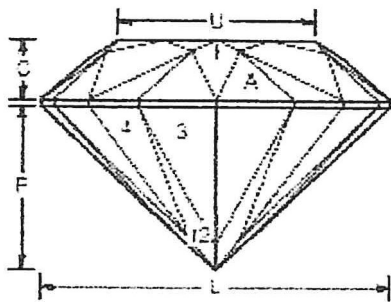
1-fold, mirror-image symmetry

96 index

L/W = 1.000 T/W = 0.582 U/W = 0.560

P/W = 0.472 C/W = 0.170

Vol/W³ = 0.219



PAVILION

1	42.20°	30-36-60-66	TCP
2	43.70°	24-42-54-72	"
3	45.20°	08-20-76-88	"
4	46.50°	12-16-80-84	"
5	45.10°	46-50	"
6	90.00°	24-42-54-72	Set width with 24-72 pair
7	90.00°	30-36-60-66	Level girdle
8	90.00°	08-20-76-88	"
9	90.00°	12-16-80-84	"
10	90.00°	48	Scalloped
11	42.00°	27-39-57-69	PCP
12	45.20°	10-18-78-86	"
13	44.44°	48	"

CROWN

A	49.00°	08-88	Set girdle thickness
B	44.00°	12-84	Level girdle
C	41.50°	16-80	"
D	40.80°	20-76	"
E	40.80°	24-72	"
F	41.50°	30-36-60-66	"
G	41.50°	42-54	"
H	46.20°	46	"
I	38.00°	96	Meet girdle
J	38.00°	14-82	"
K	36.00°	22-74	"
L	36.00°	33-63	"
M	38.00°	45-51	"
N	22.00°	11-85	Star
O	25.70°	16-80	"
P	27.70°	26-70	"
Q	26.80°	42-54	"
R	29.60°	46	"
T	0.00°	Table	

Steps 1-5 meet at a temporary centerpoint.

Crown mains all at same angle.

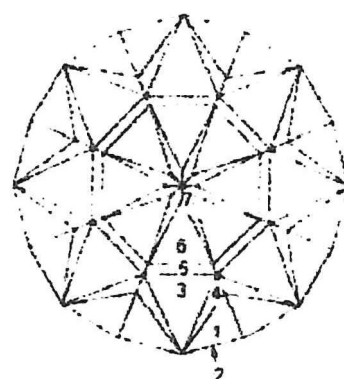
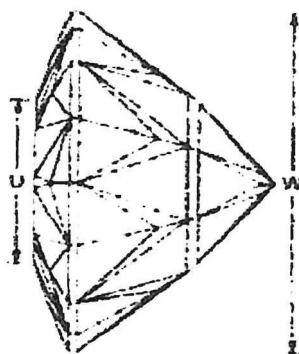
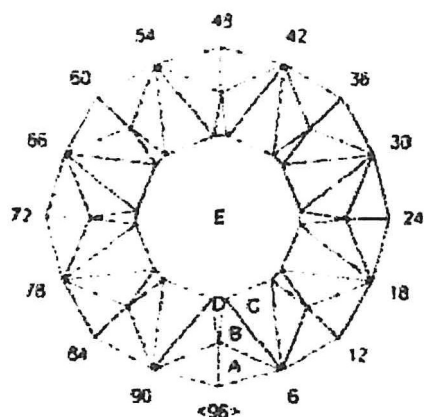
Girdle facet 10 not level.

FRASER COAST SHOW 2025

Section 36 – Lapidary Wieland Star – Open O.10.2

Modified Standard

To be cut in Amethyst



Wieland Star (Germany 2009)

Angles for Quartz

Angles for R.I = 1.540

113 + 16 girdles = 129 facets

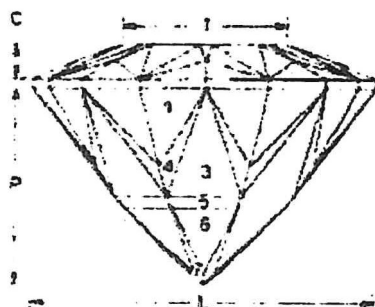
8-fold, mirror-image symmetry

96 index

LW = 1.000 T/W = 0.477 U/W = 0.477

P/W = 0.581 C/W = 0.099

Vol / W³ = 0.235

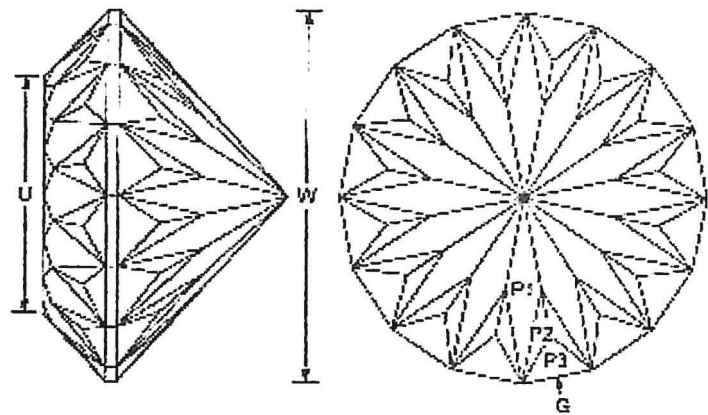
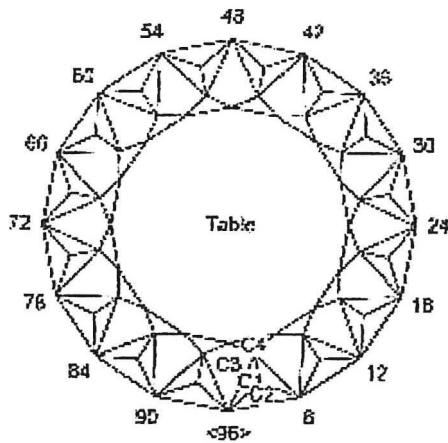


PAVILION

1	58.49°	04-08-16-20-28-32-40-44-52-56-64-68-76-80-88-92	Cut to form TCP
2	90.00°	04-08-16-20-28-32-40-44-52-56-64-68-76-80-88-92	Level Girdle
3	53.46°	96-12-24-36-48-60-72-84	Cut to meet girdle
4	56.55°	03-09-15-21-27-33-39-45-51-57-63-69-75-81-87-93	cut to meet girdle at 1
5	48.54°	96-12-24-36-48-60-72-84	Meet 4
6	45.18°	96-12-24-36-48-60-72-84	create step cut
7	42.00°	06-18-30-42-54-66-78-90	meet 5 & 6 form PCP

CROWN

A	22.94°	04-08-16-20-28-32-40-44-52-56-64-68-76-80-88-92	set girdle
B	21.40°	05-07-17-19-29-31-41-43-53-55-65-67-77-79-89-91	meet A at girdle
C	21.00°	06-18-30-42-54-66-78-90	meet A,B at girdle
D	19.38°	96-12-24-36-48-60-72-84	Meet A,B
E	0.00°	Table	



Sunbright - Cubic Zirconia

Original Dean Baker 4/7/2019

Angles for R.I. = 2.160

145 + 16 girdles = 161 facets

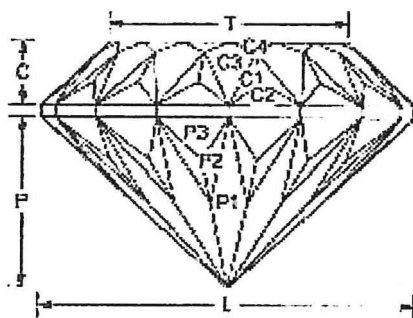
16-fold radial symmetry

96 index

L/W = 1.000 T/W = 0.635 U/W = 0.636

P/W = 0.458 C/W = 0.170

Vol./W³ = 0.235



PAVILION

Facet	Angle	Facet Numbers	Description
G	90.00°	03-09-15-21-27-33-39-45-51-57-63-69-75-81-87-93	Set stone shape and size
P1	42.50°	96-06-12-18-24-30-36-42-48-54-60-66-72-78-84-90	Cut to G, TC
P2	43.50°	02-04-08-10-14-16-20-22-26-28-32-34-38-40-44-46-50-52-56-58-62-64-68-70-74-76-80-82-86-88-92-94	Cut to Meet P1, P1, G
P3	45.00°	03-09-15-21-27-33-39-45-51-57-63-69-75-81-87-93	Cut to meet P2, P2, G

CROWN

Facet	Angle	Facet Numbers	Description
C1	45.00°	02-04-08-10-14-16-20-22-26-28-32-34-38-40-44-46-50-52-56-58-62-64-68-70-74-76-80-82-86-88-92-94	Cut to meet G
C2	48.00°	03-09-15-21-27-33-39-45-51-57-63-69-75-81-87-93	Cut to meet C1, C1, G
C3	43.00°	96-06-12-18-24-30-36-42-48-54-60-66-72-78-84-90	Cut to meet C1, C1, G
C4	33.00°	03-09-15-21-27-33-39-45-51-57-63-69-75-81-87-93	Cut to meet C3, C3
Table	0.00°	Table	Cut to meet C4

Note : Girdle index corrected 18/8/2019

C:\Users\Dean Baker\Documents\GEMS\Transferred\Sunbright.gem

2024 FRASER COAST AGRICULTURE SHOW

Entrant No:

Maryborough Showgrounds & Equestrian Park
 Thursday 23 & Friday 24 MAY 2024
 This Entry Form remains the property of the Fraser Coast Agriculture Show Society Inc.

APPLICATION FOR SECTION ENTRY

Section No: 36	Section Name: <i>LAPIDARY</i>	Email: <i>bgcah@bigpond.com</i>
Collecting Entries: (please circle): YES NO		
Mr / Mrs / Miss / Ms	First Name:	Surname:
School Student: Prep to Grade 12, <i>please state:</i>		Grade:
Company or Body Corporate/Partnership Name (Provide the ABN where applicable):		
ABN:		
Postal Address:		
		Postcode:
Phone - Work:	Home:	Mobile:
Fax:	Email:	
DECLARATION BY EXHIBITOR		
<p>This declaration has serious implications for taxation. The Fraser Coast Agriculture Show Society Inc strongly recommends you seek professional advice before completing.</p>		
Are you undertaking this activity as a hobby?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Is this activity part of a Business Enterprise?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
If Yes, do you have an ABN?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Are you registered for GST?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
If Yes, what is your ABN?		
CONDITIONS OF ENTRY:		
<ol style="list-style-type: none"> 1. I hereby apply to enter the following Exhibit(s) subject to the terms and conditions set out in the Queensland Ag Shows and the Fraser Coast Agriculture Show Society Rules and Section Conditions (collectively called the "Regulations") for the Fraser Coast Agriculture Show. I agree to be bound by these Regulations. All cash prizes, sashes, cards and trophies etc. must be claimed within 4 weeks from closing date of the show, if not they will become a donation to the Fraser Coast Agriculture Show Society. 2. Application for Entry and the Regulations shall constitute the whole agreement upon which entries are submitted and I agree that all representations and statements not appearing herein or in the Regulations are hereby excluded. 3. Society is at liberty to consider or to refuse this application, in its absolute and unfettered discretion. 4. I hereby certify that all particulars relative to entries set out on this form are correct in all details. 5. I agree to abide by the Regulations set down by the Fraser Coast Agriculture Show Society Inc. and the COVID Safe Regulations set down by Qld Health. 		
..... Signature of Exhibitor	 / / 2024 Date
<p>Please refer to the Show Section Schedule for entry dates and other details. Please complete both pages of this form.</p>		

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2025 FRASER COAST AGRICULTURE SHOW

Entrant No:

Maryborough Showgrounds & Equestrian Park
Thursday 22 & Friday 23 MAY 2025

This Entry Form remains the property of the Fraser Coast Agriculture Show Society Inc.

APPLICATION FOR SECTION ENTRY

Section No: 36	Section Name: <i>LAPIDARY</i>	Email: <i>bgcah@bigpond.com</i>
Collecting Entries: (please circle):		
YES	NO	
Mr / Mrs / Miss / Ms	First Name:	Surname:
School Student: Prep to Grade 12, please state:		Grade:
Company or Body Corporate/Partnership Name (Provide the ABN where applicable):		
ABN:		
Postal Address:		
Postcode:		
Phone - Work:	Home:	Mobile:
Fax:	Email:	

DECLARATION BY EXHIBITOR

This declaration has serious implications for taxation. The Fraser Coast Agriculture Show Society Inc strongly recommends you seek professional advice before completing.

- | | | | | |
|---|-----|--------------------------|--------------------------|----|
| Are you undertaking this activity as a hobby? | Yes | <input type="checkbox"/> | <input type="checkbox"/> | No |
| Is this activity part of a Business Enterprise? | Yes | <input type="checkbox"/> | <input type="checkbox"/> | No |
| If Yes, do you have an ABN? | Yes | <input type="checkbox"/> | <input type="checkbox"/> | No |
| Are you registered for GST? | Yes | <input type="checkbox"/> | <input type="checkbox"/> | No |

If Yes, what is your ABN?

CONDITIONS OF ENTRY:

1. I hereby apply to enter the following Exhibit(s) subject to the terms and conditions set out in the Queensland Ag Shows and the Fraser Coast Agriculture Show Society Rules and Section Conditions (collectively called the "Regulations") for the Fraser Coast Agriculture Show. I agree to be bound by these Regulations. All cash prizes, sashes, cards and trophies etc. must be claimed within 4 weeks from closing date of the show, if not they will become a donation to the Fraser Coast Agriculture Show Society.
2. Application for Entry and the Regulations shall constitute the whole agreement upon which entries are submitted and I agree that all representations and statements not appearing herein or in the Regulations are hereby excluded.
3. Society is at liberty to consider or to refuse this application, in its absolute and unfettered discretion.
4. I hereby certify that all particulars relative to entries set out on this form are correct in all details.
5. I agree to abide by the Regulations set down by the Fraser Coast Agriculture Show Society Inc. and the COVID Safe Regulations set down by Qld Health.

.....
Signature of Exhibitor

..... / / 2025
Date

Please refer to the Show Section Schedule for entry dates and other details.
Please complete both pages of this form.

2025 FRASER COAST AGRICULTURE SHOW

Maryborough Showgrounds & Equestrian Park

Thursday 22 & Friday 23 MAY 2025

This Entry Form remains the property of the Fraser Coast Agriculture Show Society Inc.

Entrant No:

ENTRY FEES ARE GST INCLUSIVE AND MUST BE PAID BY CASH (correct change please)

Section No: 36	Section Name: <i>LAPIDARY</i>	
Mr / Mrs / Miss / Ms	First Name:	Surname:

Collecting Entries: (please circle): YES NO

School Student: Prep to Grade 12, please state:

Grade:

Class No.	Exhibitor Entry No. <i>(Stewards use only)</i>	No. of Entries per Class	Class Title / Description	Exhibit Selling Price	Entry Fee (\$)

Total Entry Fees \$