

## GIT's World Challenge Gems Faceting Master 2017 (November)



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Technical Advisor and Judge of this competition

The Champion of International Faceting Challenge (Australia) 2010

### 1. General Provisions

1.1. The stated rules regulate the conditions under which the Thai Open Faceting Competition (hereinafter “The Competition”) is held, its organizational and technical aspects, as well as rules and judging criteria.

1.2. The Competition will be held in absentia. Each entrant must provide the prepared stones, faceted in accordance with the stated rules, either by mail or delivering them personally to the address of the Competition committee. Gemstones sent to the Competition committee after the specified deadline will not be admitted to participate.

1.3. The Competition is comprised of two event programs – main and freestyle challenge. Main challenge is comprised of all participants faceting a single stone in accordance with the diagram provided in the given Rules. The freestyle challenge consists of a single stone, the material, size and design, which are chosen by each entrant.

1.4. The Competition committee passes the stones on to the qualified judges for examination and calculation of penalty points in accordance with the criteria described below.

1.5. The freestyle challenge is judged in two stages, the first of which is the same as for main challenge evaluating the technical aspects of a faceted stone. In the second stage, judges evaluate the stone’s consumer appeal and functionality. Besides that an audience jury evaluate the stones on the merits of its beauty and attractiveness via [www.git.or.th](http://www.git.or.th)

1.6. After the evaluation process, the Competition committee receives back the stones and the completed judging sheets to sum up the results and determine the winners.

1.7. Entrants placed 1st, 2nd and 3rd receive commemorative medals from the Competition Committee. In addition, participants (including the winners) with the necessary score receive the appropriate certificates – Advanced Competition Cutter or Master Competition Cutter.



1.8. In addition to mentioned at 1.7 the winners are getting some cash:

The 1<sup>st</sup> Prize – USD 2,000

The 2<sup>nd</sup> Prize – USD 1,500

The 3<sup>rd</sup> Prize – USD 1,000

1.9. The competition results are published in print and online. The official award ceremony is held at the Central World Shopping Center on Friday, 24<sup>th</sup> November 2017.

1.10. In the event of there being fewer than three entrants admitted to participate by the registration cutoff date, the competition will not be held.

1.11 The entrants are totally responsible for postage, shipping cost and insurance of send and return postage for their entries.

## 2. Terms and definitions.

The following terminology, concepts and definitions are contained in the given rules:

**Error** – any defect or error made by a cutter in the process of faceting the stone.

Three distinct types of errors are acknowledged:

- Type A – barely visible with a 10X loupe;
- Type B – easily seen with the 10X loupe, but barely visible by naked eye;
- Type C – easily seen by naked eye.

**Pattern Sheet (diagram)** - A scheme for a particular pattern of facets, with all necessary information for cutting the design. The pattern sheet will also address specifications and issues regarding length, width, L/W ratio, number of facets, girdle design, tolerances, and specific faceting materials for their respective competition classes.

**Disqualification** – exclusion of the stone (not the entrant!) from participating in the Competition due to errors resulting in gross deviations from the pattern sheet(s) for a particular class. i.e., wrong pattern cut, missing facet tiers, wrong lapidary material, etc. In case of disqualification the entrant will forfeit any and all entrance fees. The stone and judging sheets will be returned to the cutter.

**Marker (Ink Mark)** – a mark placed on a stone by the judge to identify the indexing of the stone referenced to the pattern error sheet.

**Facet Uniform** – refers to the consistency in shape and size of any facet in the same series. Facets also have to have consistency with the pattern and plan view.

**Window** – refers to optical effect (if this is not taken into account in the Pattern Sheet) that impairs the stone's natural reflective properties and are considered to be faceting defect. Means area through which the background may be visible during face viewing.



**Competition committee** - a group acting on behalf of the Gems and Jewelry Institute of Thailand, immediately responsible for organizing and facilitating the Competition.

**Judging Score Sheet** - a formal sheet where errors recorded tabulated, and the final score calculated. It is accompanied by the pattern error sheet with the rendering of the stone marked with the errors found during the judging evaluation.

**Stone collector** – a person from the Competition Committee who is responsible for collecting competition stones as well as filled application forms.

**Meetpoint** - A perfect point where four (4) or more facets culminate together.

**Pattern point** – an area of the stone, which may potentially contain cutting errors (facet, edge, meetpoint, etc.) Total number of the stone’s pattern points is taken into account when allocating error points.

### 3. Organizational aspects.

3.1. Participation is based on entry application form (attachment 1) personally filled out and signed by the cutter, mailed or otherwise supplied to the Competition committee no later than the specified date on condition of the participation entry fee having been paid.

3.2. A Stone Collector assigned to the task receives and processes the entry forms, packages the stones in standard containers and marks them with unique ID numbers for the purpose of maintaining anonymity, then passing them on to the judges.

3.3. The judges carefully evaluate the stones for errors. All discovered errors must be reflected in the scoring sheet and marked on a pattern error sheet. The judge uses as a guide the “Methodology of colored stones cut grading” developed by the GIT.

3.4. Stones entered to participate in the competition are judged according to judging criteria marked in paragraph 5. In addition, stones competing in the freestyle challenge are passed on for the second stage of judging. Each judge fills out a score sheet, which contains all errors and the result score. Following this, the stones in the freestyle challenge are exhibited at jewelry show for an audience vote with special prize for winning.

Stones for the freestyle challenge should be accompanied by printed pattern in .gem or .pdf format. This pattern must not contain any information about entrant.

3.5. After the conclusion of the above-stated process, the stones and completed judging sheets are returned to the Competition committee to sum up the results. At this point the results from the two separate stages of the freestyle program are combined using a 100-point system.

3.6. After tabulating the results, the Competition committee identifies the winners (1, 2 and 3rd place) and entrants who have scored highly enough to be qualified with certificates.

3.7. Each entrant who has scored no less than 90 points per each stone with two stones evaluated, receives the “Advanced Competition Cutter” certificate, thereby attaining qualification to compete on the appropriate level of national or international competitions.



3.8. Each entrant who has scored no less than 95 points per each stone with two stones evaluated, receives the “Master Competition Cutter” certificate, thereby attaining qualification to compete on the appropriate level of national or international competitions.

3.9. Once awarded, the cutter may not lose the certificate in subsequent competitions, even if he does not attain the necessary score.

3.10. After being awarded the certificate, cutter has the right to state his qualification in his business card and other identification info – Advanced/Master Competition Cutter or their abbreviation (A.C.C./M.C.C) respectively.

3.11. The deadline for submitting entry forms to participate in the Competition is the 1st of July 2017. The entry application forms and entry fees must be sent to the Competition committee prior to this date. The finished stones must be sent to the Competition committee no later than August 31 of 2017.

3.12. The Competition results will be announced, and the entrants’ stones will be exhibited at the Central World Shopping Center on Friday, 24<sup>th</sup> November 2017 during 5:00 – 9:00 pm.

Following this, the stones, awards, certificates and judging sheets will be sent to the participants at the addresses specified in the entry forms. If a participant expresses the request to pick up all of the materials in person, he must notify the Competition committee in writing no later than two weeks before the result announcing.

3.13. (*Protest*). If a participant disagrees with the announced results, they must lodge a written grievance with the Competition committee within the span of a month’s time subsequent to the announcement of results. The Competition committee will review the grievance and make a decision in favor of either affirming the Competition results or re-evaluating them. This subsequent decision is final and not subject to further appeals.

#### 4. Technical Aspects

4.1. The angles marked in the pattern sheet are to be taken as recommendations and may be changed by the entrants to enhance the appearance of the finished stone on the condition that the stone’s proportions must be maintained and the stone must precisely correspond to the diagram. If the facet pattern or relative size of the facets is notably different from the pattern sheet, the stone is disqualified and removed from participating in the Competition.

4.2. Stone dimensions and material for the main challenge: **10.0 mm. +/- 0.2 mm; material – synthetic Corundum, any color.**

4.3. Stone size should be measured in accordance with stone width (parameter W in the pattern sheet) with tolerance up to 0.2 mm, meaning that if the indicated size is 10.0 mm, de facto size may range from 9.8 to 10.2 mm without being penalized.

4.4. During the judging phase, all measurements will be taken by way of an electronic caliper calibrated on control samples.



4.5. During the judging phase, judges are allowed to use only a loupe with 10x magnification capability. The use of more powerful equipment with greater magnification capabilities is strictly forbidden.

4.6. Preliminary judging is also strictly prohibited in this competition, and nobody – except entrant himself – can examine the competition stone before judging process.

4.7. The stones must be faceted from a transparent material with minimal inclusions, unless these inclusions are a design element of the stone in the freestyle challenge. At the same time, the stone must not be too dark in order for the entire facet reflection pattern to be clearly visible.

4.8. One of the characteristics of design complexity is the number of pattern points which is used during the judging process. This includes facets, meet points, edges, girdle, as well as the stone dimensions.

4.9. All cutting errors made by the participants can be divided into three types – A, B, C.

Though this classification may be somewhat subjective, the matter of classifying errors as one type or another is entirely within the responsibility of a judge and depends upon his qualification as well as his experience.

Type A errors have the value of 25%, type B – 50% and type C – 100%. The presence of these errors in a stone adds penalty points to the corresponding rows within the score sheet. When tabulating the final score, the penalty points are multiplied by percentage, and then summed up. An example of the calculation and tabulating the final score is included in the additional notes.

4.10. Stones sent in for entry into the competition must be washed clean, safely-packed in appropriate containers to prevent damage in transit, and must be accompanied with additional notes specifying the lapidary material, color, precise weight and dimensions (length, width) as well as the cutter's info (name and address). Damage sustained in transit will be considered an error for the purposes of judging.

**4.11. In order to maintain compliance with applicable intellectual property laws, the Gems and Jewelry Institute of Thailand guarantees that all submitted works (freestyle competition entries) will not be in any way reproduced and/or used for commercial purposes.**

## **5. Judging criteria.**

5.1. According to the “Methodology of colored stones cut grading” the competition stones use to be judged under following criteria:

- **Facets integrity;**
- **Edges integrity;**
- **Facets convergence (meet points);**
- **Facets symmetry;**
- **Optical characteristic (window).**



5.2. For the main challenge stones **specified size** (dimension W on the pattern sheet) also should be considered for judging. If this dimension is out of specified range, it should be taken as type C error, and 3 penalty points should be included into score sheet.

5.3. For the freestyle challenge stones there are four additional criteria, which show creativity and faceting experience of the entrants:

- **Design complexity;**
- **Design originality;**
- **Aesthetic value;**
- **Lapidary material.**

First of them is based on the number of pattern points and their complexity (such as multi-facets meet points or presence of long narrow facets). Second and third ones seem quite subjective, but high level of skills and experience of judges could guarantee the objectivity of evaluation.

The material which freestyle challenge stone is cut from also is very important. The same design in Garnet could be cut much more easily than, say, in Sphalerite or Kunzite. This should be taken into account during judging process.

## 6. Contact Information

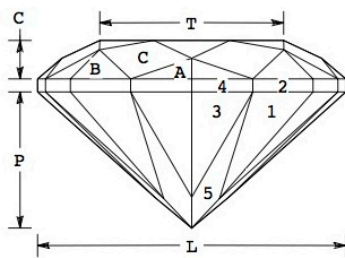
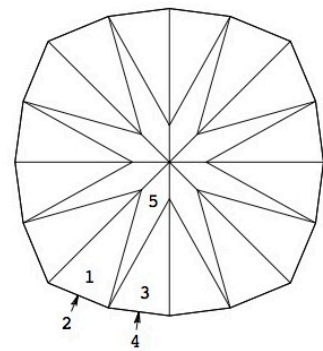
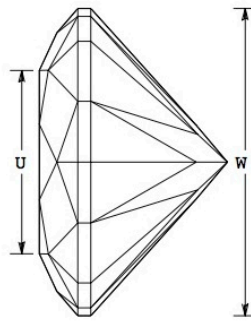
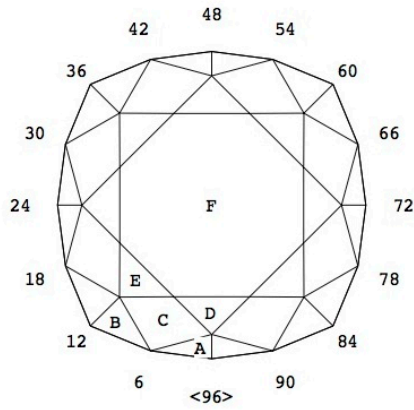
Stone Collector (participation, entry forms and competition stones):

**Sakunrat Thadtapong** +66 2634 4999 ext. 301-306, 311-313  
tsakunrat@git.or.th

Technical and organizational questions:

**Victor Tuzlukov** +66 925 301939  
vtuzlukov@hotmail.com

### 7. Diagram for the main challenge: Cushion shape



#### PAVLON

1	41.20°	06-18-30-42- 54-66-78-90
2	90.00°	06-18-30-42- 54-66-78-90
3	42.21°	02-22-26-46- 50-70-74-94
4	90.00°	02-22-26-46- 50-70-74-94
5	41.00°	04-20-28-44- 52-68-76-92

#### CROWN

A	40.83°	02-22-26-46- 50-70-74-94
B	37.53°	06-18-30-42- 54-66-78-90
C	33.50°	04-20-28-44- 52-68-76-92
D	25.06°	96-24-48-72
E	13.69°	12-36-60-84
F	0.00°	Table



# GIT's World Challenge Gems Faceting Master 2017

## Official Entry Form

*This Entry Form must be provided to the Stone Collector*

*Miss Sakunrat Thadtapong (tel. +66 2634 4999, ext. 301-306; e-mail: [tsakunrat@git.or.th](mailto:tsakunrat@git.or.th))*

Participant: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_

Phone: \_\_\_\_\_ E-mail: \_\_\_\_\_

All stones for this Competition should be sent to the following address:

**Miss Sakunrat Thadtapong**  
**Training Center**  
**The Gem and Jewelry Insitute of Thailand**  
**140, 140/1-3, 140/5, 3rd floor, Silom Road, Suriyawong, Bangrak, Bangkok 10500,Thailand**

For the Customs purposes please do not refer to Gems or Gemstones when sending. Declare as "Lapidary material for the Faceting Competition – to be returned". After sending stones we kindly request to inform the Competition Coordinator by e-mail.

### ***Important Notes:***

1. All participants compete on equal level, regardless of qualifications or experience.
2. After the competition, all stones and materials are returned to the above-stated address, with the exception of the cutter requesting to retrieve them personally.
3. Participant's signature in this entry form denotes consent to the terms and conditions of the THAI OPEN 2017 competition and acknowledgement of the fact that violating these terms and conditions may disqualify them from participation.
4. Participants may submit competition entry forms up until the cut-off date - the 1st of July 2017. The cut-off date for sending the participants' stones to the Competition committee is the 31th of August 2017.

Date: « \_\_\_\_\_ » \_\_\_\_\_ 2017.

Signature: \_\_\_\_\_ / \_\_\_\_\_ /  
*print name*