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**VIPUL CHAMPANERI**

CHAMPANERI STREET, AT & PO: PITHA, DIST.: VALSAD, GUJARAT-396 045, C-+91 98253 13388

vipulac2009@gmail.com

----------------------------Professional Summary------------------------------

* Accepts new challenges and responsibilities , consistently and rapidly rising to the highest levels of job performance
* Excellent hold over technical solution and smart management system.
* Excellent interpersonal communication skill & Exceptional team membership skill.
* Willingness and capability to learn new thing quickly.
* Good knowledge in the field of Gems & Jewellery.
* Comprehensive knowledge in (Practically & Theoretically) :

Precious Metals analysis like Fire Assaying, XRF, Touchstone Testing, Refining, Spectrometry, Refining

Jewellery Manufacturing Techniques like handmade, Casting, Alloying & Melting, Final Q.C. of Finished Jewellery, Finishing Techniques, Plating, Polishing

Also having a basic knowledge of Gems & Diamonds

--------------------------------------Skills------------------------------------------

**As a Metallurgist - Gold Assayer (Precious Metals)**

* Quality Assessment of Gold & other Precious Metals by various methods/techniques
* Gold & Gold alloys assaying (Fire Assaying) according to Standards. (IS:1418,1417, ISO:11426, ISO:9202)
* Gold & Gold Alloy Manufacturing according to Indian Standards. (IS:3095)
* Gold & Gold Alloys Soldering according to Indian Standards. (IS:2790)
* Pure Gold/Gold Bullion assessment by Fire Assaying Technique
* Research on Precious Metals compositions with the help of Metallography.
* Physical & Mechanical Determination of precious metals by various techniques.
* Advance Research on Precious Metals Assaying & Alloying with the help of Fire Assaying, X-ray Technology & Spectrometry.
* Silver & Silver Assaying according to Indian Standards.
* Laser Inscription on Precious Metals artifacts with the help of Laser Marking Machine.
* To handle BIS (Bureau of Indian Standards) approved Hallmarking center for Assaying of Gold & Gold Jewellery artifacts. (2006 to 2009)
* Refining of Gold with the help of various techniques like Aqua Regia, Cupellation and Parting/Inquartation Process.
* Refining of Silver with the help of Titration Method.
* Handled and guided juniors/assistants for providing efficient quality works towards client.
* **As a Faculty (Precious Metals)**
* Teaching Fundamentals & Advance metallurgy of Precious Metals.
* Giving Rise to new techniques in teaching students theoretically and practically by adopting power point presentations.
* Teaching different aspects of Basic Metallurgy like Extractive Metallurgy, Physical Metallurgy, Mechanical Metallurgy, Material Science and Precious-Semi Precious Metals.
* Teaching different aspects of assaying methods like Fire Assaying, X-Ray technology, Spectrometry and Touch Stone.
* Teaching different aspects of refining process like Aqua Regia, Miller Chlorination, Wohlwill Electrolytic, Fizzer Cell, Cupellation and Parting.
* In charge of several courses (Metallurgy, Precious Metals, Assaying & Refining)
* Outbound Training for custom officials- Airport Authority (Govt. of  India)
* In house training for Artisan/manufacturer.

# ----------------------------Accomplishments-----------------------------

* The training of gold appraising was held by me for the Custom Officials (Govt. of India- Airport Authority) at International Airport Cargo Division, Bangalore in January-10 & October-10. (Organized by Gem & Jewellery Export Promotion Council, India)
* The training of gold appraising was held by me for the Custom, Service Tax and Central Excise Officials, (Govt. of India- Airport Authority) at Hyderabad and Coimbatore in Apr-11 & October-11. (Organized by Gem & Jewellery Export Promotion Council, India)
* The training of gold appraising was held by me for the Custom Officials (Govt. of India- Airport Authority) at Kolkata in November 2011. (Organized by Gem & Jewellery Export Promotion Council, India)
* The training of gold appraising was held by me for the Custom Officials (Govt. of India- Airport Authority) Bangalore in June 2012. (Organized by Gem & Jewellery Export Promotion Council, India)
* The training of gold appraising was held by me for the Custom Officials (Govt. of India- Airport Authority) Chennai in June 2013 & July 2015. (Organized by NACEN- National Academy of Central Excise & Narcotics and Gem & Jewellery Export Promotion Council, India)
* The two days training programme on Precious Metals & its Assessment was given by me for the Technical Staff of TANISHQ Jewellery (A Tata Group) in November 2015 at Pantnagar-Rudrapur UK & in May 2017 at Dehradoon, UK.
* The training of Gold Alloying and Gold Soldering Methods was held by me for the artisan/manufacturer at Surat though BIS-Bureau of Indian Standards, India.
* The official training of the hallmarking is given by me and setup of BIS approved Gold Hallmarking Centre at Mumbai has done by me for our client.

# --------------------------------Work History-------------------------------

Faculty-Metallurgist-Assayer (Precious Metals), 11/2003 to Current

Indian Diamond Institute-Surat

* Modified the general education curriculum for special-needs students based upon a variety of instructional techniques and technologies.
* Given a practically & theoretically training on Precious Metals & Jewellery Manufacturing Techniques for the Students as well as Professionals related to Jewellery Field
* Doing a Job work in Gold Testing Laboratory & provide a certificate to the Customer, Manufacturer & Jewellers.
* Quality Assessment of Gold & its alloys by Fire Assaying Technique & XRF Technique
* Quality Assessment of other Precious Metals by Various Assaying Techniques
* Outbound Training for Customs Dept. (Airport Authority- Govt. of India)
* Outbound Training for Jewellers, Manufacturer & Professionals.

# ----------------------------------Education---------------------------------

**Diploma**: Metallurgy, 2002

Dr. S. & S.S. Gandhy College of Eng. & Tech., Surat

**S.S.C**.: 10th

Gujarat Secondary Education Board, Gandhinagar

# ----------------------------------Languages---------------------------------

English, Hindi, Gujarati