

**MOST IMMEDIATE**

No.11/30/2008-BIS  
Government of India  
Ministry of Consumer Affairs Food & Public Distribution  
Department of Consumer Affairs

Krishi Bhavan, New Delhi.  
Dated 12th May, 2009

**OFFICE MEMORANDUM**

**Sub: Evaluation of the Central Sector Gold Hallmarking Scheme through an independent and reputed agency**

The undersigned is directed to forward herewith a copy of Terms of Reference (TOR) alongwith Annexures for evaluation of the Tenth Plan Scheme of Hallmarking of Gold Jewellery seeking Expression of Interest from Interested agencies. It is requested that Terms of Reference may be posted on the website of the Department as well as Bureau of Indian Standards immediately so that interested agencies could access to the detailed TOR on these websites. The advertisement will be published by DAVP in two national dailies (one each in English and Hindi) in the coming week.

**Encl: as above**

(Kishan Pal)  
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1. The Director General, BIS, Manak Bhawan, New Delhi
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**Department of Consumer Affairs  
Bureau of Indian Standards**

**EVALUATION OF THE TENTH PLAN SCHEME OF HALLMARKING  
OF GOLD JEWELLERY**

The Department of Consumer Affairs is seeking Expression of Interest from agencies to evaluate the Tenth Plan Scheme of 'Hallmarking of Gold Jewellery', a brief note on which is at **Annexure-A**. The Terms of Reference is as follows:

**1. SCOPE OF THE STUDY**

The evaluation study would cover Delhi, Mumbai, Kolkata & Chennai, 15 locations as shown in **Annexure I** where Assaying & Hallmarking Centres have already been set up with Central Assistance and 15 other locations in different parts of the country as shown in **Annexure II**. The study should gauge the level of awareness among the consumers/potential consumers about the purity of gold jewellery sold in the country, the role of hallmarking and the importance of purchasing hallmarked jewellery in which case third party assurance about the purity of gold is available. The study should cover at least 100 consumers/potential consumers selected on random basis in each Centre/location, out of which about 50% may be from rural areas.

The agency selected would finalize evaluation method, questionnaire etc. for the study in consultation with the Department.

**2. TERMS OF REFERENCE FOR THE AGENCY TO CONDUCT THE EVALUATION PROCESS**

The selected agency in the evaluation would cover :

- (a) Evaluation of the procedure for providing central assistance to Gold Hallmarking and Assaying Centres across the country;
- (b) Whether financial assistance under the scheme act as an incentive for Gold Assaying and Hallmarking Centres;
- (c) Whether consumers are aware of the benefits of Hallmarking/Assaying Centres;
- (d) Efficacy of training provided to artisans and whether such training has helped in improving their skills;
- (e) Identify problems of the Assaying and Hallmarking Centres, if any, in carrying out their operations and suggest appropriate solutions to overcome these problems;
- (f) Evaluate reasons for slow progress of Scheme and satisfactory progress in certain States;

- (g) Comment on effectiveness of the Scheme and suggest measures to make implementation of the Scheme more effective;

### **3. TIME SCHEDULE**

The time schedule of evaluation would be as follows :

- (a) Preliminary report within 45 days of work order
- (b) Final report after 15 days thereafter.

Report to be provided in 5 copies and in Compact Disk as well.

### **4. BIDS**

The bids should be submitted in two separate sealed envelopes (one for technical bid and other for financial bid) and these two envelopes shall be put in a bigger envelope, duly sealed.

#### **The Technical Bid shall contain:**

- (i) Details of the methodology to be used for evaluation of the Scheme like study design, methodology of collection of data, field team composition, work plan, etc. and
- (ii) Details of the experience of the applicant – agency credentials, research team's composition, infrastructure, qualitative and quantitative research skills and experience of the organization/institution in making similar evaluation, studies, names and addresses of at least three clients from whom the experience/ competency of the applicant can be ascertained, if need be.

#### **The Financial Bid shall contain:**

- (i) Detailed break-up of the cost of the study; giving unit-wise break up of the estimate under the following broad heads:
  - (a) Travel Cost
  - (b) Local Conveyance
  - (c) Training and Briefing;
  - (d) Preparation of evaluation report
  - (e) Other overhead costs, etc; and
- (ii) Mode of payments required

Technical bids would be evaluated first by an Evaluation Committee. Financial bids of only those bidders who qualify in the technical evaluation

would be opened and evaluated by the Evaluation Committee. The study will be awarded to the agency that gives the lowest acceptable, financial quote.

## **5. PERFORMANCE SECURITY**

Before awarding the contract, the selected agency should deposit 10% of the approved total amount of the evaluation study in Government account as performance security before release of funds by the Government. The performance Security may be furnished in the form of an Account payee Demand Draft, Fixed Deposit Receipt or Bank Guarantee from a commercial Bank in an acceptable form.

## **6. PENALTY**

If the Agency is not able to complete the evaluation in time and/or is unable to furnish the reports in time the agency would be liable to be penalized as follows :

- For delay of 15 days : 1% of the fee (excluding taxes) would be deducted;
- For delay of 30 days : 2% of the fee (excluding taxes) would be deducted;
- For delay beyond 30 days : 1% of the fee (excluding taxes) would be deducted for delay of every 15 days in addition to 2% of the fee for the initial delay of 30 days.

## **7. SAVING CLAUSE**

The Department of Consumer Affairs has the discretion to terminate the contract at any time under intimation to the agency before submission of the final report.

**8.** The selected agency has to enter into an agreement with the Government to complete the assignment as per the above terms. In the case of any dispute or difference arising out of or in connection with the conditions mentioned in the TOR and Sanction letter, the same shall be referred to the Sole Arbitration of Secretary, Department of Consumer Affairs and his decision thereon would be final.

**9.** To facilitate undertaking of the study, the Department of Consumer Affairs (DCA) will provide all the available relevant documents/information to the Evaluating Team. DCA will also designate an officer of appropriate level as a Nodal Officer to coordinate with the Study Team.

**10.** Interested Institutions/organizations may submit their proposals in a sealed cover to the Deputy Secretary (BIS), Department of Consumer Affairs, Room No. 251, Krishi Bhawan, New Delhi-110114 by 4.00 PM on 8<sup>th</sup> June, 2009.

## **OBJECTIVES OF GOLD HALLMARKING**

Hallmarking of Gold Jewellery was launched by BIS in April 2000 with the objective of providing third party assurance to consumers on the purity of gold or its fineness, promote export competitiveness for the product and develop India as a leading gold market centre in the world. The scheme, formulated under the BIS Act 1986, is voluntary in nature and is operated through a network of Regional and Branch offices of BIS all over the country. Under the scheme, a jeweller has to obtain a licence from BIS to get his jewellery hallmarked from a BIS recognized Assaying & Hallmarking Centre. The scheme does not grant self marking rights to jewelers. The Hallmarking Centres are recognized by BIS based on a laid down criteria, after ensuring that the Centres have the required infrastructure for Assaying and Hallmarking of gold jewellery, in addition to facilities for security and safety of the same.

Till March 2009, 137 hallmarking centres as indicated in **Annexure III** have been recognized for certifying gold jewellery. Since launch of the scheme, over 6584 gold jewellers have been licenced by BIS and over 571.82 lakh jewellery articles have been hallmarked. The growth trend during the period is at **Annexure IV**.

## **CONSUMER PROTECTION**

Consumer interest is protected through the terms & conditions governing grant of licence to jewelers and recognition of Assaying & Hallmarking Centres. Purchasers of hallmarked jewellery can get their jewellery tested from any BIS recognized Assaying Centre. In case hallmarked jewellery sample brought by the consumer is found to be of lesser purity than that marked on the jewellery, the testing charges would be refunded to the consumer by the centre which had hallmarked the jewellery and the jeweller will be obliged to satisfy the customer through replacement.

## **CREATION OF COUNTRYWIDE INFRASTRUCTURE FOR ASSAYING AND HALLMARKING OF GOLD**

With a view to give a boost to Hallmarking of gold jewellery and create adequate infrastructure for the purpose across the country, a scheme for setting up of Assaying & Hallmarking centres for gold jewellery with central assistance was launched during the Xth 5 Year Plan in 35 selected districts on a pilot basis. Under the scheme, selected applicants would be given one time financial assistance @ 15% of the cost of machinery and equipment, subject to a maximum of Rs. 15 lakhs per centre. For locations in the north-east and special category states namely Jammu and Kashmir, Himachal Pradesh and Uttaranchal however, one time financial assistance @ 30% of cost of machinery & equipment, subject to maximum of Rs. 30 lakhs per centre would be admissible.

Assistance to only 17 such Centres, as indicated in Annexure I could however be provided so far mainly due to lack of interest on the part of entrepreneurs. The Scheme has been extended to the XI Plan period.

### **MARKET SURVEY ON PURITY OF GOLD JEWELLERY**

To ascertain the quality of gold jewellery being sold in the country, two market surveys on non-hallmarked gold jewellery were got conducted by BIS during 2001 and 2006. In the survey conducted in 2006 it was found that out of the 162 samples drawn from 16 cities, 146 samples (90.1%) were found failing the declared purity. The average shortage in purity was observed to be 13.51% and highest purity shortage was 44.66%. In Delhi, Pune, Madurai, Kanpur, Jaipur and Chandigarh all the 10 samples collected failed the purity test. Findings of the survey are being used for creating consumer awareness by BIS and Department of Consumer Affairs through advertisements and other awareness programmes. Detailed results of the Surveys are at **Annexure V**.

### **CONSUMPTION OF GOLD**

Gold consumption in India is on the high side. As per data from World Gold Council (WGC), India imports about 800 tonne every year, of which about 80% (640 tonne) is used for jewellery making. It is estimated that there are over 3, 00,000 jewellers in India. It has been decided that in addition to the 15 locations where Assaying & Hallmarking Centres have already been set up with Central assistance, 15 locations in different parts of the country, where as per the WGC either the off take of gold is very high or are metropolitan cities/centres in the Special Category States, should also be covered under the study.

List of Assaying & Hallmarking Centres Under Central Govt. Scheme

<u>S. No</u>	<u>Location</u>	<u>Name &amp; Address of Centre</u>
	<b><u>Andhra Pradesh</u></b>	
<u>1.</u>	<u>Visakhapatnam</u>	<u>M/s Sampath Assaying and Hallmarking Pvt. Ltd</u>
<u>2.</u>	<u>Vijayawada</u>	<u>Akshaya Hallmarking Centre</u>
	<b><u>Rajasthan</u></b>	
<u>3.</u>	<u>Jaipur</u>	<u>M/s Shri Salasar Balaji Hallmarking Centre</u>
	<b><u>Uttar Pradesh</u></b>	
<u>4.</u>	<u>Meerut Cantt.</u>	<u>M/s Hira Hallmarking Center</u>
<u>5.</u>	<u>Kanpur</u>	<u>Shree Hallmarking Centre</u>
	<b><u>Punjab</u></b>	
<u>6.</u>	<u>Ludhiana</u>	<u>M/S L. D. Gold Lab Pvt. Ltd.,</u>
<u>7.</u>	<u>Chandigarh</u>	<u>V B Enterprises,</u>
	<b><u>Kerala</u></b>	
<u>8.</u>	<u>Kottayam</u>	<u>M/S Sreekrishna Hallmarking Center</u>
<u>9.</u>	<u>Kollam</u>	<u>CGR Kollam</u>
	<b><u>Madhya Pradesh</u></b>	
<u>10.</u>	<u>Jabalpur</u>	<u>M/s Roopali Assayers &amp; Hallmarkers</u>
	<b><u>Karnataka</u></b>	
<u>11.</u>	<u>Mysore</u>	<u>M/s Surya Assaying &amp; Hallmarking Center</u>
<u>12.</u>	<u>Hubli</u>	<u>Shree Raghvendra Test Centre</u>
	<b><u>Tamil Nadu</u></b>	
<u>13.</u>	<u>Madurai</u>	<u>CGR Madurai Hallmarks</u>
<u>14.(i)</u>	<u>Salem</u>	<u>Italab Salem Pvt. Ltd</u>
<u>(ii)</u>	<u>Salem</u>	<u>Lotus Assay Pvt. Ltd</u>
	<b><u>Orissa</u></b>	
<u>15</u>	<u>Bhubaneshwar</u>	<u>Kalyani Laboratories</u>
	<b><u>Maharashtra</u></b>	
<u>16.</u>	<u>Thane*</u>	<u>Shree Assaying &amp; Hallmarking Centre</u>

\*Excluded from the Survey since Mumbai is included.

Monthly gold off take data received from Word Gold Council (WGC)

S. No.	Location	Monthly Gold Off Take (kg)	Number of Existing Assaying/ Hallmarking Centres	
			Under Scheme	Otherwise
	<b>ANDHRA PRADESH</b>		<b>Central Assistance</b>	
1.	Hyderabad/ Secunderabad	475	-	3
	<b>GUJARAT</b>			
2.	Vadodara	600	-	1
3.	Ahmedabad	1800		7
	<b>KARNATAKA</b>			
4.	Bangalore	1500	-	6
	<b>KERALA</b>			
5.	Kochi	1300	-	2
6.	Thiruvanthapuram	1000	-	1
	<b>MAHARASHTRA</b>			
7.	Pune	1000	-	2
8.	Mumbai	2000		12
	<b>TAMIL NADU</b>			
9.	Chennai	3000	-	12
10.	Coimbatore	600		4
11.	<b>DELHI</b>	2000		11
	<b>WEST BENGAL</b>			
12.	Kolkata	2000		5
	<b>HIMACHAL PRADESH</b>			
13.	Shimla	*		*
	<b>JAMMU &amp; KASHMIR</b>			
14.	Jammu	*		*
	<b>UTTARAKHAND</b>			
15.	Dehradun	*		*

\*Not Available

**LIST OF BIS RECOGNISED HALLMARKING CENTRES FOR GOLD**

Total Number of Centres Recognized: 137 (31 March, 2009)

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**1. Karnataka 12 Centre**

- I Sree Vishnu Assaying & Hallmarking Pvt. Ltd., **Bangalore**
- II Srinath Gold Lab's Pvt. Ltd, **Bangalore**
- III Merlecha Assayers, **Bangalore**
- IV **Surya Assaying & Hallmarking Centre, Mysore**[Under Central Assistance Scheme]
- V Rohit Hallmarking Centre, **Bangalore**
- VI Quality Assay & Hallmarking Centre (P) Ltd, **Mangalore**
- VII Vijaya Assaying & Hallmarking Center, **Mysore**
- VIII Midaz Testing Lab, **Bangalore**
- IX Mysore Assayers and Hallmarking Centre, **Mysore**
- X Padmavathi Hallmarking Centre, **Bangalore**
- XI Shree Raghavendra Test Centre, **Hubli** [Under Central Assistance Scheme]
- XII Rajeshwaree Hallmarking centre, **Mysore**

**2. Kerala 19 Centres**

- I Cochin Assay Co. Pvt. Ltd ,**Cochin(Kochi)**, (NABL Accredited as per ISO/IEC 17025) (**Offsite facility in Alleppy**)
- II Cochin Assay Centre, **Trichur(Thrissur)**,
- III Kerala Assay & Hallmarking Centre (P) Ltd., **Trichur**,
- IV Trichur Assay and Hallmarking Centre Pvt. Ltd., **Trichur** (NABL Accredited - ISO/IEC 17025)
- V Calicut Assay and Hallmarking Centre Pvt. Ltd ,**Calicut (Kozhikode)** (NABL Accredited - ISO/IEC 17025)
- VI Quality Assay & Hallmarking Centre (P) Ltd. **Calicut**,
- VII Travancore Hallmarks (Formly Cochin Hallmark Company), **Trivandrum (Thrivanthapuram)**, (**Offsite facility in Quilon (Kollam) at about 70 km distance**)
- VIII Excell Assay and Hallmarking Centre, **Trichur**
- IX Quality Assay & Hallmarking Centre (P) Ltd., **Kannur**
- X **Sreekrishna Hallmarking Center, Kottayam**[Under Central Assistance Scheme]
- XI Kerala Assay & Hallmarking Center, **Cochin**
- XII Prompt Assay & Hallmark Centre, **Calicut**,
- XIII PVM Assay Centre, **Calicut**,
- XIV CGR Hallmarks, **Ernakulam**
- XV CGR Kollam Hallmarkings, **Kollam**[Under Central Assistance Scheme]
- XVI Quality Assay & Hallmarking Centre (P) Ltd., **Ernakulam**
- XVII SPS Hallmarking Centre, **Ernakulam(Kochi)**
- XVIII Artb Gold Hallmarking Pvt. Ltd, **Kottayam South**
- XIX Purity Care Assay & Hallmarking Centre, **Calicut**

**3. Andhra Pradesh 9 Centres**

- I Century Hallmarkings, **Secunderabad**

- II *Sampath Assaying & Hallmarking Pvt. Ltd, Vishakhapatnam*[Under Central Assistance Scheme]
- III Shree Vishnu Assayers, **Hyderabad**
- IV *Akshaya Hallmarking Centre, Vijayawada*[Under Central Assistance Scheme]
- V Shree Assaying & Hallmarking Centre, **Secunderabad**
- VI Pavan Gold Check & Hallmarking Centre, **Vijayawada**
- VII Hyderabad Hallmarking Centre, **Hyderabad**
- VIII Siddhi Vinayak Hallmarking Pvt. Ltd, **Hyderabad**
- IX Vishnu Assaying and Hallmarking Centre, **Vijaywada**

**4. Tamil Nadu 26 Centres**

- I Emerald Testings (India) Pvt Ltd., **Coimbatore**, (NABL Accredited as per ISO/IEC 17025)
- II **Bharat Assayers, Chennai**
- III Kesar Hallmarking Centre, **Chennai**,  
(Offsite facility in Bangalore)
- IV Covai Hallmark Company, **Coimbatore**,
- V Shanti Vijay Testings, **Chennai**
- VI Sukraa Hallmarking Centre, **Coimbatore**
- VII Krishna Hallmarking Centre Pvt. Ltd., **Coimbatore**
- VIII A-1 Hallmarking Center, **Chennai**
- IX *CGR Madurai Hallmarks, Madurai*[Under Central Assistance Scheme]
- X Chennai Hallmarking Centre, **Chennai**
- XI Parmeshwari Devi Hallmarking Centre, **Chennai**
- XII Sukraa Hallmarking Centre, **Chennai**
- XIII *Italab Salem Pvt Ltd, Salem*[Under Central Assistance Scheme]
- XIV Sree Vishnu Assayers Pvt. Ltd, **Chennai**
- XV Kesar Hallmarking Centre, **Chennai**
- XVI *Lotus Assay Pvt. Ltd, Salem*[Under Central Assistance Scheme]
- XVII Balaji Assaying & Hallmarking Centre, **Tiruchirapalli**
- XVIII Mishri Hallmarking Services India, **Chennai**
- XIX Vishwakarma Hallmarking Pvt. Ltd, **Chennai**
- XX Shree India Hallmarking Centre, **Chennai**
- XXI M S Gold Hallmarking Centre, **Chennai**
- XXII Subh Laxmi Hallmarking Centre, **Nagarcoil**
- XXIII Vimal Assay & Hallmark Centre, **Chennai**
- XXIV Perfect Assayers & Hallmarking Centre, **Chennai**
- XXV KTC Hallmarkings, **Coimbtore**
- XXVI G.S. Gem Scan Laboratories Pvt. Ltd., **Chennai**

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**5. Gujarat 12 Centres**

- I Gujarat Gold Centre , **Ahmedabad**, (NABL Accredited as per ISO/IEC 17025)  
( **Recognized For Silver also**)
- II V.G.Gold Assaying and Hallmarking Center, **Rajkot**
- III Indian Diamond Institute, **Surat**
- IV Kesar Hallmarking Centre, **Ahmedabad**
- V Gujarat Gold Centre, **Vadodara**
- VI MMTCLtd, **Ahmedabad**
- VII National Center for Hallmarking, **Surat**
- VIII Parker Gold, **Ahmedabad**
- IX Shradha Assay & Hallmarking Center, **Ahmedabad.**
- X Gurukrupa Hallmarking Centre, **Ahmedabad**
- XI Shreyanshnath Assay & Hallmarking Centre, **Ahmedabad.**
- XII Shree Kachchha Hallmarking & Assaying Centre, **Anjar, Kachcha** [Under Central Assistance Scheme]

6. Maharashtra 18 Centres

- I Leo Analytics Lab, **Mumbai**, (NABL Accredited as per ISO/IEC 17025)  
**(Offsite facility in Mumbai)**
- II Mahavir Hallmarking Centre Pvt Ltd., **Mumbai.**
- III Varsha Bullion Hallmarking Centre, **Mumbai.**
- IV Mahalaxmi Hallmarking Centre, **Mumbai.**  
**[Offsite facility in Andheri(East)Mumbai]**
- V PGD Goldcheck Pvt. Ltd., **Mumbai**
- VI Variety Hallmark, **Mumbai.**
- VII Mahavir Hallmarking Centre, **Pune**
- VIII G.S. Hallmarking & Refinery P. Ltd. **Mumbai.**
- IX Bajrangbali Hallmark, **Mumbai**
- X **Shree Assaying & Hallmarking Centre, Thane** [Under Central Assistance Scheme]  
**(Offsite facility in Mumbai)**
- XI Jupiter Hallmarking India, **Mumbai**
- XII TMP Hallmark Pvt Ltd, **Mumbai**
- XIII Classik Karat Assay Pvt Ltd, **Mumbai**
- XIV Nityanand Assaying & Hallmarking centre, **Mumbai**
- XV International Hallmark & Assay Pvt. Ltd, **Mumbai**
- XVI G N Hallmarkings, **Pune**
- XVII Perfect Assayer & Hallmarking Centre, **Pune**
- XVIII Kalyan Hallmark Centre, **Kalyan, Dist. Thane**

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7. West Bengal 8 Centres

- I J.J. Hallmarking Centre, **Kolkata** (NABL Accredited as per ISO/IEC 17025)  
**[Offsite facility at 6 Camac Street, Kolkata]**
- II ACE Hallmarking Services Pvt. Ltd, **Kolkata (Recognized For Silver also)**
- III G.N. Hallmarking (P) Ltd., **Kolkata** (NABL Accredited as per ISO/IEC 17025)
- IV G.N.Hallmarkings, **Kolkata**
- V MMTc Limited, **Kolkata**
- VI Sidhi Vinayak Hallmarking Centre, **Kolkata**
- VII Kesar Hallmarking Centre, **Kolkata**
- VIII A.J. Hallmarking Centre, **Kolkata**

8. Orissa 2 Centre

- I **Kalyani Laboratories Hallmarking Centre, Bhubaneshwar** [Under Cent. Assistance Scheme]
- II G N Hallmarkings, **Bhubaneshwar**

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9. New Delhi 19 Centres

- I MMTc Ltd, **New Delhi (Recognized For Silver also)**
- II Jalan Hallmarking Centre, **New Delhi (Recognized For Silver also)**
- III Stuti Hallmarking Centre, **New Delhi**
- IV Swastik Hallmarking Center, **New Delhi.**
- V Shivam assaying & Hallmarking Center, **New Delhi**
- VI R.C. Assaying & Hallmarking Centre, **New Delhi.**
- VII Aurum Hallmarking Centre, **New Delhi**
- VIII City Hallmarking Centre, **New Delhi**

- IX Shree Salasar Hallmarking Centre, **Delhi**
- X Sai Assaying & Hallmarking Centre, **Delhi**
- XI N C & Co. Hallmarking Centre, **New Delhi**
- XII Stuti Lab, **Delhi**
- XIII JB Assaying & Hallmarking Centre, **New Delhi.**
- XIV S P Assaying & Hallmarking Centre, **New Delhi**
- XV Monarch Hallmarking Centre, **Delhi**
- XVI Radiant Hallmarking Pvt. Ltd, **New Delhi**
- XVII Balaji Hallmarking Centre, **New Delhi**
- XVIII Anand Assaying & Hallmarking Centre, **Delhi**
- XIX M.S. Assaying & Hallmarking Centre, **Delhi**

**10. Madhya Pradesh 3 centre**

- I Choksi Laboratories Ltd., **Indore (Recognized For Silver also)**
- II **Roopali Assayers & Hallmarkers, Jabalpur**[Under Central Assistance Scheme]
- III Siddh Hallmarking Centre, **Bhopal**[Under Central Assistance Scheme]

**11. Rajasthan 1 centre**

- I **Shree Salasar Balaji Hallmarking Centre, Jaipur** [Under Central Assistance Scheme]  
(Recognized For Silver also)

**12. Uttar Pradesh 2 Centre**

- I **Hira Hallmarking Center, Meerut Cantt**[Under Central Assistance Scheme]
- II P. S. Hallmarking Centre, **Meerut**

**13. Chattisgarh 1 Center**

- I Chattisgarh Assaying & Refineries(P) Ltd., **Raipur**

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**14. Punjab 1 centre**

- I **L D Gold Lab Pvt. Ltd., Ludhiana**[Under Central Assistance Scheme]

**15. Chandigarh 1 Centre**

- I **V B Enterprises, Chandigarh** [Under Central Assistance Scheme]

**16. U.P 2 Centre**

- I **Shree Hallmarking Centre, Kanpur** [Under Central Assistance Scheme]
- II **M A Testing & Hallmark Centre, Kanpur**

**17. Haryana 1 Centre**

- I **Thakurjee Assaying & Hallmarking , Panipat** [Under Central Assistance Scheme]

**GROWTH OF GOLD HALLMARKING SCHEME**

<b>Growth as on</b>	<b>31 Mar. 2001</b>	<b>31 Mar.02</b>	<b>31 Mar.03</b>	<b>31 Mar. '04</b>	<b>31 Mar. '05</b>	<b>31 Mar. 06</b>	<b>31 Mar. 07</b>	<b>31st Mar 2008</b>	<b>31<sup>st</sup> Mar. 09</b>
No. of Licences	186	286	560	795	935	1410	3466	5497	6584
No. of Centres	8	12	13	15	24	36	45	91	137
Articles Hallmarked (in lakhs)	0.936	4.766	14.93	31.4	62.4	115	210.32	381.99	571.82

**RESULTS OF MARKET SURVEY****All India Average**

	<b>2001</b> <b>120 samples in</b> <b>8 cities)</b>	<b>2006</b> <b>(162 samples in</b> <b>16 cities)</b>
- Samples Failing	89.00%	90.10
- Average shortage in purity	11.00%	13.51%
- Highest Purity Shortage	38.60%	44.66%

The detailed result of Market Survey for Purity of Gold conducted in 2006 in 16 cities/towns is given below:

S. No.	City/Town/Location	No. of samples collected from each City/Town	Result		Shortage of Purity (In Percentage)			Shortage of purity (In Carats)		
			No. of samples passed	No. of samples failed	Min	Maxi	Ave.	Min.	Maxi.	Ave.
01.	New Delhi	10	0	10	9.74	25.81	17.75	2.14	5.68	3.94
02.	Pune	10	0	10	4.57	24.31	15.15	1.05	5.59	3.44
03	Vadodara	10	1	9	0.41	16.62	7.97	0.09	3.66	1.75
04	Thiruvananthapuram	10	1	9	4.40	16.00	10.13	0.97	3.52	2.23
05	Madhurai	10	0	10	9.45	14.26	12.12	2.08	3.14	2.67
06	Ranchi*	12	1	11	0.10	44.66	19.91	0.02	9.83	4.38
07	Bhubaneswar	10	2	8	0.60	29.19	15.48	0.13	6.42	3.41
08	Kanpur	10	0	10	11.92	19.87	16.89	2.62	4.37	3.72
09	Ludhiana	10	2	8	2.97	20.78	8.93	0.66	4.57	1.98
10	Indore	10	1	9	11.10	21.21	17.50	2.55	4.88	4.03
11	Meerut	10	2	8	1.11	26.55	12.00	0.25	6.11	2.74
12	Jaipur	10	0	10	1.50	20.45	13.05	0.33	4.50	2.87
13	Jodhpur	10	1	9	4.62	19.86	12.10	1.02	4.37	2.66
14	Chandigarh	10	0	10	1.51	18.71	10.40	0.33	4.12	2.29
15	Jammu	10	1	9	3.07	21.68	14.16	0.67	4.99	3.15
16	Gurgaon	10	4	6	0.20	18.80	6.49	0.04	4.13	1.43
	<b>Total/All India</b>	<b>162</b>	<b>16</b>	<b>146</b>	<b>0.10</b>	<b>44.66</b>	<b>13.51</b>	<b>0.02</b>	<b>9.83</b>	<b>3.00</b>