

PORIM'S CERTIFICATE OF COMPETENCY PROGRAMME FOR MALAYSIAN PALM OIL REFINERIES

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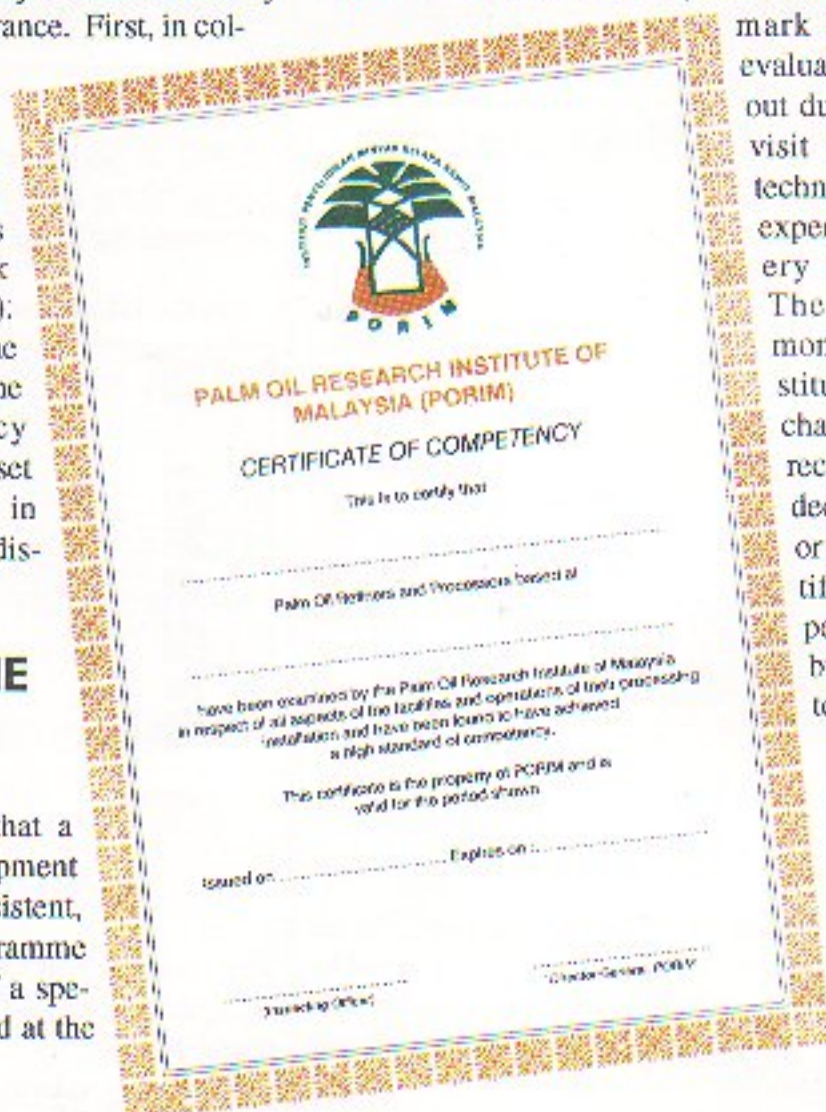
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The Palm Oil Research Institute of Malaysia (PORIM) provides two services to the Malaysian palm oil industry which are directly related to quality assurance. First, in collaboration with the American Oil Chemists' Society (AOCS), annual analytical crosschecks are carried out between laboratories termed the AOCS Smalley Check Sample Programme (for Palm Oil). In addition, PORIM offers to the milling and refinery sectors the Certificate of Competency Programme. The Programme set out for the refineries has been in operation for nine years and is discussed here.

PRINCIPLES OF THE PROGRAMME

The objective is to establish that a refinery has the skills and equipment required to manufacture to a consistent, high quality standard. The programme does not quantify the quality of a specific batch of oil. It was decided at the

onset that the Programme, which is voluntary, must be objective and be seen to be objective. Therefore it is based on defined criteria, itemised in a detailed mark sheet. Each evaluation is carried out during an annual visit by two senior technical staff, with experience in refinery management. The results are monitored by an Institute committee, chaired by the Director General, and decisions to award or withhold a Certificate of Competency are made by the committee.





MARKING SCHEME

The marking scheme is divided into five sections as shown in *Table 1*. Based on experience and discussion, the weight given to the various sections has been adjusted.

TABLE 1. MARKING SCHEME

Section	Maximum Marks
i. General	80
ii. Quality Control	95
iii. Factory Operations	80
iv. Storage & Disposal of products	70
v. Safety & Maintenance	35
TOTAL	360

Certificates are awarded to those obtaining 65 percent or more of the maximum applicable.

The standards applied have been gradually tightened, by requiring a minimum mark in each section and by requiring the refinery laboratory to participate and perform well in annual analytical crosscheck programme. Each refinery is given a confidential performance report which includes identification of any shortcomings found during the visit and suggested remedial actions. Neither this nor the actual marks received are made public.

Table 2 shows the number of refineries and the average scores during nine years. The Table shows a steady improvement in the average mark.

TABLE 2. AVERAGE SCORE - CERTIFICATE OF COMPETENCY

Year	No of Refineries	Average of Score %	No failed
1984	19	78.9	-
1985	21	79.9	-
1986	25	80.4	-
1987	25	82.2	1
1988	25	82.7	-
1989	24	85.95	-
1990	25	86.78	-
1991	26	87.75	-
1992	21	88.6	-

CONCLUSION

The Certificate of Competency Programme has been accepted by the majority of Malaysian refiners as a useful advisory function for management. The present participating refineries represent about 90 per cent of the Malaysian refining capacity.

Refineries Awarded the 1992/1993 Certificates
(as of 23 September 1992)

1. Felda Oil Products Sdn Bhd
Lot 82, Pasir Gudang Industrial Estate
P O Box 61, 81707 Pasir Gudang
Johore
Fax: 07-514650
2. Guan Soon Heng Edible Oil Sdn Bhd
Lot 7880, Kamunting Industrial Estate
P O Box 163, 34008 Taiping
Perak
Fax: 03-821051
3. Jomalina Sdn Bhd
Telok Panglima Garang Industrial Estate
Batu 9, Jalan Banting-Kelang
42500 Kuala Langat
Selangor
Fax: 03-3526688
4. Keck Seng (M) Bhd
P O Box 1, Kong-Kong Road
81750 Masai
Johor
Fax: 02-3398503 (Singapore head office)
5. Kempas Edible Oil Sdn Bhd
P.L.O 79, Pasir Gudang Industrial Estate
P O Box 75, 81707 Pasir Gudang
Johor
Fax: 07-513121
6. KL-Kepong Edible Oils Inds Sdn Bhd
P.L.O 251, Jalan Besi Satu
Pasir Gudang
Johor
Fax: 07-513161
7. Kuantan Oil Products
Tanjung Gelang, Pelabuhan Kuantan
26080 Kuantan
Pahang
Fax: 09-433875
8. Kupak Sdn Bhd
Lot 1A, Geheng Industrial Estate
P O Box 321, 27540 Kuantan
Pahang
Fax: 09-433014
9. Lam Soon (M) Sdn Bhd
Lot 5, Jalan 205
P O Box 8, 46700 Petaling Jaya
Selangor
Fax: 03-7912572
10. Lever Brothers (M) Sdn Bhd
55 Jalan Bangsar
59200 Kuala Lumpur
Fax: 03-2821048
11. Malaysian Vegetable Oil Refinery Sdn Bhd
Lot 220, Jalan Timah Tiga
Pasir Gudang Industrial Estate
81700 Pasir Gudang
Johor
Fax: 07-515461
12. Olinco Sdn Bhd
167 Jalan Kem
42008 Pelabuhan Kelang
Selangor
Fax: 03-3686546
13. Pacific Edible Oil Inds Sdn Bhd
Lot 10, Mukim Plentong
Pasir Gudang Industrial Estate
P O Box 70, 81707 Pasir Gudang
Johor
Fax: 07-514272
14. Pan Century Edible Oils Sdn Bhd
Lot 240, Jalan Timah Tiga
Pasir Gudang Industrial Estate
81700 Pasir Gudang
Johor
Fax: 07-514621
15. Pandamaran Oil Products
Pandamaran Industrial Estate
Postal Bag No. 204
42009 Port Kelang
Selangor
Fax: 03-3671980
16. Pasir Gudang Edible Oils Sdn Bhd
Kawasan Lembaga Pelabuhan Johor
P O Box 80
81707 Pasir Gudang
Johor
Fax: 07-511079

17. Soctek Sdn Bhd
P.L.O 8 & P.L.O 9 Jalan Timah
Pasir Gudang Industrial Estate
P O Box 8
81707 Pasir Gudang
Johor
Fax: 07-511798

18. Southern Edible Oil Inds (M) Sdn Bhd
Golconda Estate, 10th Mile, Jalan Kapar
41400 Kelang
Selangor
Fax: 03-3508875

19. Tebrau Oil Products
P.L.O 238, Jalan Timah Satu
81700 Pasir Gudang
Johor
Fax: 07-514705

20. Unitata Berhad
Jenderata Estate, Hutan Melintang
36000 Teluk Intan
Perak
Fax: 05-661760

21. Yee Lee Oils Inds. Bhd.
Lot 85, Jalan Portland
Tasek Industrial Estate
31400 Ipoh
Perak
Fax: 05-573962

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