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TELECOMMUNICATIONS REGULATION CIRCULAR

**INFORMATION ON THE APPLICATION OF THE
TELECOMMUNICATIONS APPARATUS TECHNICAL
ASSESSMENT AND TESTING FEES REGULATIONS
MADE UNDER THE FINANCIAL ADMINISTRATION
ACT**

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TELECOMMUNICATION REGULATORY SERVICE

Telecommunications Regulation Circulars are issued from time to time to provide information to those engaged in telecommunications in Canada. The content of these circulars is subject to change at any time, in keeping with new developments. Further information on the contents of this circular is available from the nearest regional office of the Department or from the Telecommunication Regulatory Service at 300 Slater Street, in Ottawa.

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*Changes from previous Issue

INFORMATION ON THE APPLICATION OF
FEES FOR THE TECHNICAL ASSESSMENT
AND TESTING OF TELECOMMUNICATIONS
APPARATUS

1.0 INTRODUCTION

The Department provides an equipment certification service for the telecommunications industry. Certification of telecommunications apparatus consists of the recording of the apparatus in a list maintained and published by the Minister for the purpose of informing the public of telecommunications apparatus that comply with technical requirements, specifications or standards established by the Minister.

The Departmental Telecommunication Engineering Laboratory provides testing services and test results only.

Additional services such as consultations on apparatus designs and modifications to meet specifications and standards, which are a normal part of the services provided by private laboratories and consultants are not provided. The apparatus is also tested at the Departmental laboratory on a first come first served basis; no special priorities are permitted. In its procedures for obtaining certification of equipment (RSP 100 and CP-01), provision is hence made for testing by private laboratories in lieu of tests at the Departmental laboratory. Further, should any apparatus submitted for certification with a request for testing at the laboratory fail to meet the applicable specification requirements and is resubmitted with major modifications, the testing process will have to be reinitiated.

THE DEPARTMENT THEREFORE ENCOURAGES THE USE OF PRIVATE LABORATORIES for all testing of apparatus. Testing will prove, in practice, to be cheaper and more flexible at private laboratories with a wider range of services than the use of the Departmental laboratory.

This Telecommunications Regulation Circular provides information regarding the application of fees for the equipment certification services performed by the Department.

Regulations respecting fees for the technical assessment and testing of telecommunications apparatus, effective August 1, 1979, were made by the Minister of Communications pursuant to paragraph 13 (b) of the Financial Administration Act and Order in Council P.C. 1979 - 18 of 18th January, 1979. A revision was made by the Minister of Communications on January 21, 1982 to become effective on April 1, 1982.

Departmental procedures and other reference material detailing the equipment certification services are referenced in Section 6 of this Circular.

2.0 CERTIFICATION AND TESTING PROCEDURES

Application may be made to the Department, as defined in Departmental procedures,

- (a) For the certification of radio or terminal equipment,
 - (i) by submitting that equipment for testing in the Departmental laboratory, or
 - (ii) by submitting a satisfactory laboratory Test Report* attested to by a Registered Canadian Professional Engineer; or
- (b) For the testing of radio equipment or terminal equipment prior to a filing for certification, to determine if it will comply with the requirements of Departmental specifications or standards.

3.0 SCHEDULE OF FEES

Fees are based on the principle of recovery of Departmental costs involved in the certification and testing process. There are four types of fees applicable in the process: assessment fee, testing fee, certification fee and label fee.

3.1 Assessment Fee

The assessment fee relates to the administrative costs involved in processing applications to ensure compliance to appropriate technical requirements, specifications or standards. Assessment fees for the different types of telecommunications apparatus are shown in Table 1.

Fees for the technical assessment of a telecommunications apparatus listed in Column I are outlined in the corresponding Column II or Column III, whichever is applicable.

In the case where an engineering brief is not submitted (Column II), the assessment fee covers the administration of the application and arrangements for testing at the Department's Laboratory.

In the case where an engineering brief attested to by a Registered Canadian Professional Engineer is submitted for certification purposes (Column III), the fee includes the administration of the application, technical examination and review of the brief, and a prorated charge for pre-approval audit testing of equipment or parameters chosen randomly from among such applications.

* Certified testing of terminal equipment must be carried out by departmentally approved testing facilities or laboratories located in Canada.

3.2 Testing Fee

The testing fee is associated with the services performed at the Department's Laboratory. It includes equipment set-up time, testing time, report preparation, supervision, and examination and approval of the report by the laboratory supervisor. This fee for testing of telecommunications apparatus is calculated at the rate of sixty dollars per person-hour or part thereof.

3.3 Certification Fee

The certification fee of twenty-five dollars is associated with the handling and administration required in the granting of the Departmental Certificate of approval to the applicant, and the recording in the list of certified equipment.

3.4 Label Fee

The label fee applies only to terminal equipment or terminal connecting equipment certified and offered for sale in Canada under the Terminal Attachment Program.

It applies to each unit of such equipment. All such units must display such a label issued by the Department. This fee is one dollar for each label to be used on terminal equipment, and two cents for each label to be used on terminal connecting equipment, to cover administrative costs.

4.0 APPLICATION OF FEES

4.1 Structure of Fees

The total fee, applicable to an application for service, will depend upon the nature of the request. A general outline has been prepared (Attachment I) showing the application of the appropriate fees, depending upon the service requested. If an application for certification is received with an engineering brief the entire process would result in a charge made up of the appropriate assessment fee, as in Column III of Table 1, and the standard certification fee of \$25.00. If the application were received without an engineering brief, the entire process would result in a charge made up of the assessment fee, as in Column II of Table 1, together with a fee calculated at the rate of \$60.00 per person-hour for laboratory time (as in the Note of Table 1) and the standard certification fee of \$25.00.

As an example, a unit of land Mobile equipment submitted with an engineering brief, for certification to Radio Standard Specification (RSS 119), would be charged the assessment fee of \$555 plus the certification fee of \$25 for a total cost of \$580.

TABLE 1
FEES FOR THE TECHNICAL ASSESSMENT
OF TELECOMMUNICATIONS APPARATUS

COLUMN I		COLUMN II	COLUMN III
Item	Description of Apparatus	Without Engineering Brief*	With Engineering Brief
1.	Fixed or mobile apparatus for use on land	\$125	\$555
2.	Apparatus used for maritime communications	125	615
3.	Apparatus used in aircraft for communications	90	515
4.	Emergency locator transmitters	100	320
5.	General radio service apparatus	75	415
6.	Power line carrier apparatus	125	405
7.	Radar	175	635
8.	Paging system apparatus	75	595
9.	Paging receivers	75	115
10.	Auditory training apparatus	75	235
11.	Burglar alarm apparatus	75	235
12.	Industrial, scientific and medical equipment	100	260
13.	Low power and other devices not otherwise herein described	75	115
14.	AM or FM broadcasting apparatus	125	405
15.	TV broadcasting apparatus	125	705
16.	Low power broadcasting apparatus	100	320
17.	Terminal equipment - Network non-addressing	125	295
18.	Terminal equipment - Network addressing	150	380
19.	Terminal connecting equipment	75	80

Note: *The assessment fee shown in Column II is additional to the charge of \$60.00 per person-hour or portion thereof of time consumed at the laboratory in testing, report preparation and technical assessment against the standard or specification and primarily reflects the administrative element of the application processing costs.

On the other hand, a unit of the same Land Mobile equipment, submitted without an engineering brief, would be charged the assessment fee of \$125, together with an estimated fee for laboratory service of \$3000 - \$3250 plus a certification fee, for a total charge of \$3150 - \$3400.

Similarly, in the case of equipment for the General Radio Service, submitted for certification to Radio Standards Specification RSS 136, Issue 5, the total costs with an engineering brief would be \$440 against an estimated total cost without an engineering brief of \$820.

4.2 Incomplete Engineering Briefs

Where an engineering brief is submitted and the brief is incomplete, it is treated as a complete brief with respect to the assessment fee. The applicant will have the choice of providing further appropriate accredited information or authorizing additional tests to be performed by the Department's Laboratory on a model of the equipment to be supplied by the applicant, at the testing rate of \$60.00 per person-hour.

4.3 Failure of Apparatus to Comply

Where an application has been made for the assessment of telecommunications apparatus and it has been determined that the apparatus does not comply with all technical requirements, specifications or standards, and where the applicant submits the same apparatus for reassessment within two years following the date of notification of failure to comply, no further assessment fee shall be payable, but the applicant shall pay a testing fee in respect of any additional tests that may be required or that may need to be repeated.

4.4 Certification to More Than One Specification

Whenever an item of telecommunications apparatus is submitted for certification against more than one set of technical specifications or standards, certification against each specification or standard will be considered separately, with appropriate assessment, testing and certification fees applied in each case.

4.5 Certification in the absence of a Departmental Specification

A class of radio equipment for which a Departmental specification does not exist may be the subject of an application for Technical Acceptance in accordance with RSP 100 (ref. 6. c). The assessment, testing and certification fees applicable in this case are identical to the ones in Table 1 for the appropriate class of equipment.

4.6 Family of Equipment Models

For a family of equipment models of telecommunications apparatus which are nearly identical in design and construction, only one application and brief, if applicable, will be required for assessment. Any such brief or

associated testing should cover the variations of all parameters likely to be affected by differences between the models. Only one application assessment fee is applicable.

For a family of transmitter models which are identical in design with the exception of the power output stages and power output capability, only one application and brief will be required. The associated test report shall cover the base model. Supplementary test results will be required for each power amplifier involved. The minimum fee, Fee Schedule Item 13 (Table 1), will be charged for each supplementary test report evaluation.

When such a family of equipment is recorded in the list of certified equipment, a certification fee (\$25.00) will be charged for each unit of the family listed.

4.7 Multiple Listings

At the request of the original certificate holder, certified equipment may be listed under the names of other parties. A certification fee will be charged for each listing.

4.8 Equipment Modifications

The certificate holder must inform the Department of any change in design or modification to the equipment. The Department will determine if the modified design requires the submission of supplementary test results or a unit of the modified model for testing by the Department.

4.9 Transfer of Certification

Equipment certification may be assigned to another person by a holder upon application being made to and approved by the Department. In such cases, a new certification number may be assigned to the new holder who assumes the responsibility for the equipment previously certified. The person to whom the certification fee is assigned shall pay the certification fee to the Department for each transferred certificate. Normally, laboratory testing of the assigned equipment would not be required in this case.

4.10 Certification Labels

Certification labels to be used on certified terminal equipment will be issued to certificate holders by the Department and may be obtained from the Department of Communications, Ottawa. The Department will invoice the certificate holder, after receipt of the order, at the rate given in the current fee schedule.

5.0 PAYMENT OF FEES

A person who applies for an assessment of a telecommunications apparatus shall pay the appropriate assessment fee at the time of making the application.

Fees for testing, certification and labels shall be paid on receipt of an invoice from the Department.

6.0 REFERENCE DOCUMENTS: The certification procedures applicable to this Telecommunications Regulation Circular are listed below and may be obtained from the Department's offices as listed in Attachment II.

- a) Telecommunication Apparatus Assessment and Testing Fees Regulations - SOR/79-274, Canada Gazette Part II, Vol. 113, No. 7, April 11, 1979.
- b) Terminal Attachment Program, Certification Procedure CP-01, Issue 3, Release Date: October 3 1981, Effective Date: October 3, 1981.
- c) Radio Equipment Certification Procedure, Radio Standards Procedure RSP-100, Issue 4, Release Date: April 8, 1981, Effective Date: July 8, 1981.
- d) Telecommunications Apparatus Assessment and Testing Fees Regulations, amendment -SOR/82-145, Canada Gazette Part II, Vol. 116, No. 3, February 10, 1982.

Any questions or clarifications concerning the fees as outlined in this TRC may be directed to the Department at:

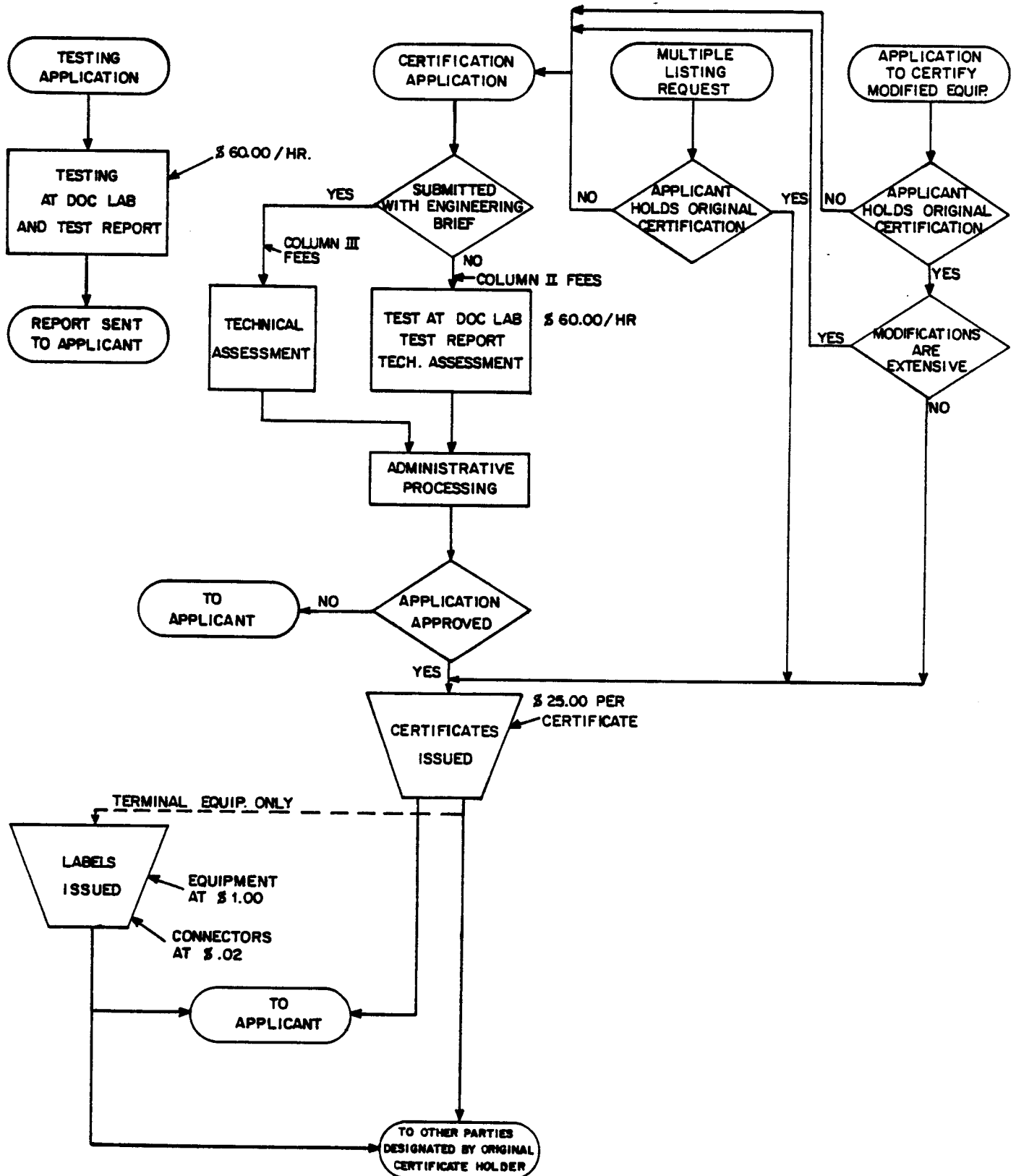
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APPLICATION OF FEES

Attachment I



ATTACHMENT II

FEDERAL DEPARTMENT OF COMMUNICATIONS OFFICES

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