consent order for the substance and determined that the information available was sufficient to make a reasoned evaluation of the health effects of the substance. EPA concluded that, for the purposes of TSCA section 5, the substance will not present an unreasonable risk and consequently revoked the section 5(e) consent order. The proposed revocation of SNUR provisions for the substance designated herein is consistent with the revocation of the section 5(e) order.

In light of the above, EPA is proposing a revocation of SNUR provisions for this chemical substance. When this revocation becomes final, EPA will no longer require notice of any person's intent to manufacture, import, or process this substance. In addition, export notification under section 12(b) of TSCA will no longer be required.

III. Comments Containing Confidential Business Information

Any person who submits comments claimed as CBI must mark the comments as “confidential,” “trade secret,” or other appropriate designation. Comments not claimed as confidential will be placed in the public file. Any comments marked as confidential will be treated in accordance with the procedures in 40 CFR part 2. Any party submitting comments claimed as confidential must prepare and submit a public version of the comments that EPA can place in the public file.

IV. Rulemaking Record

The record for the rule which EPA is proposing to revoke was established at OPPTS-50608 (P-92-341). This record includes information considered by the Agency in developing the rule and includes the test data that formed the basis for this proposal.

A record has been established for this rulemaking under docket number OPPTS-50608C (including comments and data submitted electronically as described below). A public version of this record, including printed, paper versions of electronic comments, which does not include any information claimed as CBI, is available for inspection from 12 noon to 4 p.m., Monday through Friday, excluding legal holidays. The public record is located in the TSCA Nonconfidential Information Center, Rm. NE-B607, 401 M St., SW., Washington, DC 20460. Electronic comments can be sent directly to EPA at: ncic@epamail.epa.gov

Electronic comments must be submitted as an ASCII file avoiding the use of special characters and any form of encryption.

The official record for this rulemaking, as well as the public version, as described above will be kept in paper form. Accordingly, EPA will transfer all comments received electronically into printed, paper form as they are received and will place the paper copies in the official rulemaking record which will also include all comments submitted directly in writing. The official rulemaking record is the paper record maintained at the address in ADDRESSES at the beginning of this document.

V. Regulatory Assessment Requirements

EPA is proposing to revoke the requirements of the rule. Any costs or burdens associated with the rule will also be eliminated when the rule is revoked. Therefore, EPA finds that no costs or burdens must be assessed under Executive Order 12866, the Regulatory Flexibility Act (5 U.S.C. 605(b)), or the Paperwork Reduction Act (44 U.S.C. 3501 et seq.).

List of Subjects in 40 CFR Part 721

Environmental protection, Chemicals, Hazardous materials, Reporting and recordkeeping requirements, Significant new uses.

Dated: September 1, 1995.

Charles M. Auer,
Director, Chemical Control Division, Office of Pollution Prevention and Toxics.

Therefore, it is proposed that 40 CFR part 721 be amended as follows:

PART 721—AMENDED

1. The authority citation for part 721 would continue to read as follows:


§721.3254 [Removed]

2. By removing §721.3254.

[FR Doc. 95–22731 Filed 9–12–95; 8:45 am]

BILLING CODE 6560–90–F

DEPARTMENT OF HEALTH AND HUMAN SERVICES

Health Care Financing Administration

42 CFR Part 493

[HSQ–225–P]

RIN 0938–AG99

Public Health Service; CLIA Program; Categorization of Waived Tests

AGENCY: Health Care Financing Administration (HCFA) and Public Health Service (PHS), HHS.

ACTION: Proposed rule.

SUMMARY: In this rule we are proposing criteria we would use to determine whether to categorize specific laboratory tests as waived from certain requirements of the Clinical Laboratories Improvement Amendments of 1988. We also propose revisions to requirements that laboratories performing waived tests must meet.

DATES: Comments will be considered if we receive them at the appropriate address, as provided below, no later than 5 p.m. on November 13, 1995.

ADDRESSES: Mail written comments (1 original and 3 copies) to the following addresses:

Centers for Disease Control and Prevention, Public Health Service, Department of Health and Human Services, Attention: HSQ–225–P, 4770 Buford Hwy., NE., MS F11, Atlanta, Georgia 30341–3724.

If you prefer, you may deliver your written comments (1 original and 3 copies) to the following address:


Because of staffing and resource limitations, we cannot accept comments by facsimile (FAX) transmission. In commenting, please refer to file code HSQ–225–P. Comments received timely will be available for public inspection as they are received, generally beginning approximately 3 weeks after publication of a document, in Room 309–G of the Department’s offices at 200 Independence Avenue, SW., Washington, DC, on Monday through Friday of each week from 8:30 a.m. to 5 p.m. (phone: (202) 690–7890).
Copies: To order copies of the Federal Register containing this document, send your request to: New Orders, Superintendent of Documents, P.O. Box 371954, Pittsburgh, PA 15250-7954. Specify the date of the issue requested and enclose a check or money order payable to the Superintendent of Documents, or enclose your Visa or Master Card number and expiration date. Credit card orders can also be placed by calling the order desk at (202) 512–1800 or by faxing to (202) 512–2250. The cost for each copy is $8.00. As an alternative, you can view and photocopy the Federal Register document at most libraries designated as Federal Depository Libraries and at many other public and academic libraries throughout the country that receive the Federal Register.

FOR FURTHER INFORMATION CONTACT: Rosemary Bakes-Martin, (404) 488-7655, for questions regarding the criteria for waived test categorization and the requirements for data submission; and Judy Yost, (410) 786–3531, for certificate and inspection issues.

SUPPLEMENTARY INFORMATION:

I. Background

Under section 353 of the Public Health Service (PHS) Act (42 U.S.C. 263a), as amended by the Clinical Laboratory Improvement Amendments of 1988 (CLIA), all laboratories that examine human specimens for the diagnosis, prevention or treatment of any disease or impairment of, or the assessment of the health of, human beings must meet certain requirements to perform the examination. On February 28, 1992 (57 FR 7002), we published regulations to implement CLIA at 42 CFR part 493. Many of the requirements are based on the complexity of the tests performed. There are currently three test categories: waived, moderate complexity and high complexity.

In accordance with the law, HHS established a Clinical Laboratory Improvement Advisory Committee (CLIAC) to advise and make recommendations on technical and scientific aspects of the regulations. The CLIAC is composed of individuals involved in the provision of laboratory services, use of laboratory services, development of laboratory testing devices or methodologies, and others as approved by HHS. In addition, HHS has designated four CLIAC subcommittees that focus on the following areas: cytology; personnel; proficiency testing, quality control and quality assurance; and test categorization.

II. The Revision Process

Under the statute, waived tests are defined as "**simple laboratory examinations and procedures that, as determined by the Secretary, have an insignificant risk of an erroneous result; that cannot significantly increase the risk of exposure to hazards, or injury, to the patient if the test is performed incorrectly.**" The statute contains additional language to describe the types of examinations and procedures to be included in the waived category; that is, tests that have "**are approved by the FDA for home use, employ methodologies that are so simple and accurate as to render the likelihood of erroneous results negligible, or the Secretary has determined pose no reasonable risk of harm to the patient if performed incorrectly.**" The law also specifies that waived tests are exempt from the CLIA health and safety standards, including personnel, patient test management, quality control, proficiency testing, quality assurance, and routine inspections requirements. In the preamble of the CLIA regulations published February 28, 1992, in the Federal Register (57 FR 7002), we stated that FDA clearance of a test for home use could not be used as a sole criterion for qualifying as a waivered category. The CLIAC agreed that the criteria should be better defined and recommended that the Centers for Disease Control and Prevention (CDC) clarify the criteria and process for categorizing waived tests and suggested that a moratorium be placed on adding tests to the waived category until the criteria were better defined. In response to the CLIAC recommendation, CDC initially established a moratorium on considering tests for waiver while we were developing the notice of proposed rulemaking to revise the CLIA regulations for waived categorization. In response to public concern, on December 19, 1994, the moratorium was lifted, and CDC notified all manufacturers and producers of moderate complexity test systems that it will consider for waiver any test that meets the statutory criteria and for which the manufacturer or producer applies for waiver in accordance with the CLIA regulations published February 28, 1992. CDC enclosed guidelines (included in this rule as proposed test system characteristics and field studies) that can be used to verify the accuracy and precision of testing devices and demonstrate that the test meets the statutory criteria for waiver. The guidelines were included to assist applicants in applying for waiver; however, all requests will be considered as long as they include valid scientific studies to verify that the test meets the statutory criteria for waiver.
waived test. We have continued to review the section of the statute pertaining to waived tests and believe now that the better view of the statute is that the waived criteria set out at 42 U.S.C. 263a(d)(3)(A), (B), and (C) were intended by the Congress to represent the kinds of tests that are "simple laboratory examinations and procedures which * * * have an insignificant risk of an erroneous result." Therefore, any test system cleared by the FDA for home use will, upon receipt of a request for waiver from the manufacturer, be waived under CLIA.

With regard to the other two criteria for waiver, we believe that a critical factor to be considered is the implicit statutory mandate that waived testing be easily performed and provide accurate results. Therefore, in order for a test to be categorized as waived, it must both: (1) Be simple; and (2) have an insignificant risk of an erroneous result. In this rule, we are proposing to clarify the statutory criteria by specifying performance characteristics and studies designed to demonstrate that any test system categorized as waived would be simple, easy to perform, and essentially error-free. We believe that conformance to these criteria would reduce the possibility of a test producing an erroneous result and, thus, assist in determining whether the test system could pose a reasonable risk of harm to a patient if performed incorrectly.

We are proposing that, to be exempt from CLIA and categorized as waived, in accordance with the law, all test systems either be cleared by the FDA for home use or meet the requirements in CLIA to ensure that the test procedure is simple and not prone to error.

In response to the CLIA recommendation, CDC developed a protocol to follow when requesting that tests be placed in the waived category. The protocol describes basic specifications for verifying that the test system meets the performance characteristics defined by the criteria. CDC proposed that, upon request of HHS as specified in § 493.2001, the CLIA would review applications for waiver, in accordance with the waived criteria, and make recommendations to HHS concerning waiver status.

The proposed clarifications to the criteria for waiver addressing simplicity and accuracy and the proposed process to follow when requesting waived categorization were presented to the CLIA test categorization subcommittee and subsequently to the full committee. The CLIA endorsed the clarifications as well as the process for requesting waived categorization and recommended that the CLIA regulations be revised to incorporate the changes.

The CLIA further recommended that all tests currently on the waived list be subject to the new clarifications to the criteria to determine if they should remain in the waived category. The committee thought that the method previously used to place tests in the waived category was too subjective and was concerned that some of the tests may not be sufficiently error-free to justify their continued waived status.

### III. Proposed revisions

#### Clarified Criteria

In this regulation, we propose to delete § 493.15, which contains the current criteria for waived tests and a process to announce revisions to the list. In its place, we would: Clarify the waiver criteria (outlined below), incorporate the clarification into our regulations at a new § 493.9, and place the remaining provisions, appropriately revised to reflect the new procedures, at § 493.9.

Following the recommendation from the CLIA that we clarify the criteria for waiver, a number of resources, such as FDA protocols for defining tests suitable for home use and the National Committee for Clinical Laboratory Standards protocols for method evaluations, were used as reference materials. Since one of the main concerns of commenters on our previous CLIA rulemaking centered around the subjectiveness and ambiguity of applying the statutory criteria to categorize the tests as waived, we used information from these sources to clarify what we mean by "simple" and "not prone to error" as a mechanism to define the statutory phrase "have an insignificant risk of an erroneous result". We believe that test systems must possess certain characteristics that would make them easier to use and that they also must be able to demonstrate a level of accuracy and precision that would ensure the correct test result is generated regardless of the user's level of expertise.

Below we have listed test system properties that we believe illustrate simplicity and ease of use. The test system:

- *Uses direct unprocessed specimens,
- *Requires no specimen manipulation before analysis or analyst intervention during analysis, and provides direct readout of results. Quantitative tests must be fully automated while qualitative tests are limited to simple reagent impregnated devices that produce only a positive or negative result;
- *Contains fail-safe mechanisms rendering no results when the results are outside of the reportable range or when the test system malfunctions;
- *Requires no invasive test system troubleshooting or, electronic or mechanical maintenance; and
- *Contains instructions written at a comprehension level no higher than seventh grade. Instructions would have to include step-by-step system operation and maintenance procedures; reagent preparation and storage; and calibrator and control preparation, storage, frequency of assay, and action to be taken if control or calibrator results are out of range.

We would consider a test for waiver if the test system has these characteristics. However, we are interested in receiving comments on alternative test system characteristics or approaches to define the statutory criterion related to test system simplicity.

The test system characteristics that we are proposing are designed to limit the amount of operator intervention or interpretive skills required to perform the test. Limiting operator intervention should prevent analysts without previous laboratory training or experience from inadvertently disrupting the analytic process and thus introducing human error into the testing procedure. The requirement for a fail-safe mechanism would prevent untrained operators from unknowingly accepting or utilizing incorrect results.

In view of the fact that no previous training or experience is required before performing waived tests, test systems in the waived category should not require invasive troubleshooting or electronic or mechanical maintenance since these processes rely on the use of interpretive skills to make judgement decisions. We also believe that an "easy to use" test system must have instructions that are written at a comprehension level that would provide reasonable assurance that all likely users, regardless of background, training, or experience, would be able to read and understand the step-by-step procedures required to correctly perform testing. We are suggesting that a seventh grade comprehension level is appropriate to define the waived criteria because waived tests will not be subject to any personnel requirements and because waived tests must be simple and capable of providing accurate test results when performed by non-professional testing personnel.

Inasmuch as the considerations for waiver are similar to those for FDA clearance of home-use products, and FDA requires that package inserts for
home-use tests be written at the seventh grade comprehension level, we are proposing that waived test system instructions be written at the same comprehension level.

Submission Requirements
To define test systems that are simple, easy to use, and not error prone, we are proposing that field studies be conducted to scientifically assess the accuracy and precision of the test. In this regulation, we are proposing basic criteria for manufacturers and producers to use in configuring these field studies. The studies are designed to ensure that the test system generates consistent results regardless of the environment in which the testing is performed.

Specifically, we are proposing that these studies:

- Evaluate among-operator imprecision;
- Evaluate within-site imprecision at a minimum of three sites; and
- Evaluate among-site imprecision.

We are proposing to place no restrictions on the number of study participants or sites except for specifying that the within-site studies should be performed at a minimum of three sites. We believe it is appropriate to provide this flexibility in study design, which allows applicants to determine the number of participants and sites that are adequate to produce measures of performance that are both statistically valid and defensible. Also, the appropriateness of the number of study participants and sites might vary depending upon the analyte or test method.

Additionally, in this rule, we are proposing that the studies prove the test system's clinical reliability by demonstrating accuracy at all relevant medical decision points. To verify the credibility of the data, we are proposing in this rule that the number of participants and sites and the sampling process be adequate to produce measures of performance that are both statistically valid and defensible (estimates must support valid confidence limits for all statistical parameters). We are proposing that the studies be performed at non-laboratory sites to ensure that all users, professionals as well as lay persons, can perform waived testing with the same competence. We are proposing that the study participants have no previous laboratory experience or training to ensure that individuals used for study purposes have education, training and experience that is at a level no higher than that of the lowest trained persons anticipated to perform the test. We welcome comments and suggestions on the types of studies proposed in this rule and comments on our proposals for data submission.

Because waived tests would not be subject to any quality control requirements and we would not routinely conduct inspections of laboratories performing only waived tests, we propose to require the laboratory to notify the producer or manufacturer of the test system of any performance that does not meet the specifications as outlined in the test system instructions and would require the producer or manufacturer to include in the test system instructions the address and phone number of the person to contact. If the manufacturer or producer of the test system does not resolve the problem, we would require the laboratory to notify PHS of the problem.

We also would require that test system instructions include a statement to inform the laboratory that if the laboratory modifies or alters the test system instructions in any way (for example, changes in specimen type or sample amount), the test no longer meets the requirements for waiver and is considered to be high complexity and, thus, must meet all the applicable CLIA requirements in 42 CFR part 493.

Review Process
To ensure that tests categorized as waived are simple, accurate and essentially error-free, we would require that waived tests meet the clarified criteria. Once the final rule responding to the comments received to this proposed rule is published, we plan to evaluate requests for waiver, in accordance with the data submittal requirements and process for requesting waived categorization that would be included under § 493.7, and to apply the new requirements to currently waived tests. However, it should be noted that when the CLIA regulations are revised to incorporate changes to the waiver process, we expect that the review process for waived categorization of devices having similar test methodologies could be simplified. For example, if a test system employs the same methodology as a device that has been granted waiver in accordance with the final regulations, submission of studies showing accuracy and precision equivalency between the applicant test system and the waived test should be sufficient. These studies must reflect data that are adequate to produce measures of performance that are statistically valid and defensible and estimates must support valid confidence limits for all parameters.

In this rule, we are proposing that, after waiver has been granted, any change or modification by the manufacturer or producer to the test system that could affect the test accuracy or reliability (that is, procedural changes that would now require operator intervention during the analytic process or method changes that require performance studies to reevaluate test validity) be resubmitted for evaluation and review. Changes to a test system that would not affect test performance, such as those made to improve component appearance or durability, would not have to be resubmitted.

The Department's purpose in issuing this proposed rule is to clarify the criteria for determining which tests should be waived. In this regard, there may be alternative formulations that would result in more, or fewer, waived tests. In this proposed rule, we specifically request comments concerning:

- Which proposed criteria might be modified (and how), as well as comments in support of the provisions contained in this proposed rule;
- The impact on patient access to care if these criteria are finalized;
- The health implications of any recommended changes, including not only the possibility of erroneous test results but also likely effects on patient health if additional testing is discouraged or encouraged (for example, by providing such testing in a doctor's office); and
- The potential that these criteria may or may not have for driving new technology toward more safe and accurate testing.

In addition, we are interested in receiving comments and suggestions about how we might include in the waived categorization process considerations related to the benefits to the public of categorizing tests as waived. Although the statute does not specify this as a criterion for waiver, we recognize this as a significant factor affecting access to care. After the comments to this rule are evaluated and a final rule is published, we plan to follow the CLIA recommendation that PHS reevaluate tests that were previously categorized as waived against any new regulatory criteria. If changes to the previously waived tests are necessary, we plan to publish a notice in the Federal Register soliciting comments on the proposed changes.

Waived Test List
In this rule, we propose to delete the generic list of waived tests from
§ 493.15. However, at § 493.7(c)(3), we would retain the provision, currently at § 493.15(d), to publish the names of the tests that are waived in a Federal Register notice with an opportunity for public comment. In addition, for consistency with the test categorization provisions in § 493.17(c)(1)(ii), we would make waived categorization effective on the date of notification to the applicant. Any entity that is notified of approval of its waiver application must be aware, however, that we may rescind this waiver approval and recategorize the test should comments we receive convince us that our initial waiver decision was inappropriate.

Summary of Proposed Changes to the Regulation

We propose to remove § 493.15 in its entirety. The criteria currently in § 493.15(b) for determining whether a given test can be categorized as waived would now be in a new § 493.7 and in greater detail. The requirements applicable to certificate of waiver laboratories (formerly at § 493.15(e)) would be expanded and placed in a new § 493.9.

In § 493.9, we would continue to require laboratories to follow the manufacturer's or producer's instructions when performing waived tests and to meet the requirements in subpart B of part 493. In line with the clarifications provided to the statutory criteria for categorizing tests as waived, we also would state that if a laboratory does not follow the manufacturer's or producer's instructions or makes a modification in the test system, the laboratory would no longer meet the requirements for certificate of waiver and the modified test, as performed by the laboratory, would be considered high complexity until otherwise categorized. If a laboratory or manufacturer desires official categorization of the modified test, it must submit a written request to PHS. Categorization of the modified product should occur within 30 days after PHS receives the request. In addition, laboratories would be required to report to PHS any performance problems not resolved by the producer or manufacturer of the test.

We would also make technical conforming changes to the following sections and headings because of our revisions concerning waived tests: §§ 493.2; 493.20(c); 493.25(d); 493.35(a) and (d); 493.37(b)(1) and (g); 493.39 introductory paragraph and paragraph (a); 493.45(a)(2) and (a)(3); 493.47(a)(2); 493.49 introductory paragraph and (b)(2)(v); 493.53(a); 493.1775(b)(4)(i) through (v), and (c).

IV. Response to Comments

Because of the large number of items of correspondence we normally receive on Federal Register documents published for comment, we are not able to acknowledge or respond to them individually. We will consider all comments we receive by the date and time specified in the DATES section of this preamble, and, if we proceed with a subsequent document, we will respond to the comments in the preamble to that document.

V. Collection of Information Requirements

The proposed rule contains information collections that are subject to review by the Office of Management and Budget (OMB) under the Paperwork Reduction Act of 1980. The title, description, and respondent description of the information collection requirements are shown below with an estimate of the annual reporting and recordkeeping burden. Included in the estimate is the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

Section 493.7: This section outlines the criteria a manufacturer must follow in order to have a test considered to be a “waived” test. These include but are not limited to test system characteristics, instructions, field studies and the evaluation of data.
The agency has submitted a copy of the proposed rule to OMB for its review of these information collections. Interested persons are invited to send comments regarding this burden estimate or any other aspect of this collection of information, including any of the following subjects: (1) The necessity and utility of the proposed information collection for the proper performance of the agency’s functions; (2) the accuracy of the estimated burden; (3) ways to enhance the quality, utility, and clarity of the information to be collected; and (4) the use of automated collection techniques or other forms of information technology to minimize the information collection burden. Comments should be sent to HCFA, HSQB, MPAS, C2±26±17, 7500 Security Boulevard, Baltimore, Maryland 21244±1850 and to the OMB official whose name appears in the ADDRESSES section of this preamble.

VI. Regulatory Impact Statement

We generally prepare a regulatory flexibility analysis that is consistent with the Regulatory Flexibility Act (RFA) (5 U.S.C. 601 through 612) unless the Secretary certifies that a rule would not have a significant economic impact on a substantial number of small entities. For purposes of the RFA, all laboratories and manufacturers and producers of laboratory test systems are considered to be small entities. Individuals and States are not included in the definition of a small entity.

Also, section 1102(b) of the Act requires the Secretary to prepare a regulatory impact analysis if a rule may have a significant impact on the operations of a substantial number of small rural hospitals. This analysis must conform to the provisions of section 603 of the RFA. For purposes of section 1102(b) of the Act, we define a small rural hospital as a hospital that is located outside of a Metropolitan Statistical Area and has fewer than 50 beds.

As a result of our evaluation of comments received on the test categorization portion of the February 28, 1992 regulations implementing CLIA and as a result of additional consultation with the CLIAC, we are proposing to clarify the criteria and process used to categorize laboratory tests as waived. Manufacturers and producers of laboratory test systems specifically suggested that the types of information and data to be submitted when requesting waived categorization be more clearly defined in order to ensure that criteria are applied accurately and uniformly to all laboratory tests. The proposed expansion of the waived criteria and development of a process protocol would provide for consistent application of detailed standards in order to ensure that tests categorized as waived are either cleared by the FDA for home use or are simple to use, produce accurate results when testing is performed, and preclude any reasonable risk of harm to patients as a result of testing errors. Of course, manufacturers and producers would be required to submit specific information and data demonstrating that their test system meets the criteria for waived categorization. In some cases, manufacturers or producers of test systems might have to conduct additional studies to obtain the information required; however, much of the data is similar to that currently required by the FDA for clearance of products. In accordance with the law, this rule would provide that any test system cleared by the FDA for home use will, upon application by the manufacturer, be waived from CLIA. We anticipate that manufacturers and producers ultimately will benefit in the form of increased sales and distribution of tests categorized as waived.

Currently, almost one-half of all laboratories hold certificates of waiver. These laboratories would obviously benefit from an improved test categorization process that yields more waived tests. Any increase in the number of waived tests would benefit laboratories by reducing the regulatory burden, since laboratories limiting their service to waived tests are not subject to the CLIA health and safety standards (including proficiency testing, quality control, personnel, recordkeeping and quality assurance requirements). Certificate of waiver laboratories are required only to register and follow manufacturers’ and producers’ instructions for test performance. In addition, increasing the number of waived tests would enable laboratories to provide an expanded test menu without incurring the higher fees associated with a regular CLIA certificate. The availability of an expanded test menu at less cost also may encourage new entities to begin providing services, thereby increasing access to health care, particularly in underserved and rural areas. Consumers of laboratory services would benefit from an enhanced range of laboratory services that have been determined to be safe and produce accurate results.

We have developed these clarifications to the waived criteria in an effort to assure the validity of approving tests for waiver. We believe that using the better defined criteria would result in more tests being waived if for no other reason than because the improved waiver process should drive the technology toward simpler tests that would then be widely available (because of waived status). However, we realize that the number of tests waived could vary depending upon the revisions to the waiver process. Depending on how many more or fewer tests receive a waiver, there could be significant effects on patient health (due to more or less patient access to testing, as well as more or fewer test errors) and impact on manufacturers, producers and laboratories. We request comments on alternatives that might produce higher benefits or lower costs, taking into account all effects. We particularly solicit comments that can provide quantitative estimates of likely effects on patient health resulting from different waived criteria and, hence, waived tests.

As indicated above, we believe that over time the effect of this rule will be to expand the universe of waived tests, to the benefit of patients, laboratories, manufacturers, and producers. However, we are unable to quantify these likely long run effects because they depend on market decisions, research results, and technological change that cannot be predicted.

In the short run, we would not expect substantial effects. Currently there are nine waived tests and about 250 individual test systems or products representing nine analytes or specific types of procedures that have been approved as waived tests. Assuming that the final rule does not depart substantially from the proposed criteria, the great majority of individual tests would continue to be eligible for the waiver category. We expect that laboratories would continue to have a wide range of products/test systems available and would therefore not lose waiver status. At most, only a few products might not meet the clarified waived criteria and any such test system’s manufacturer or producer would have the option of improving test accuracy.

This proposed rule would clarify the process and criteria for categorizing waived tests and possibly result in changes in the list of waived tests. Proper realignment of the fee schedule, if necessary, would follow implementation of this rule.

For these reasons, we are not preparing analyses for either the RFA or section 1102(b) of the Act because we have determined, and the Secretary certifies that this proposed rule will not have a significant economic impact on a substantial number of small entities or
the operations of a substantial number of small rural hospitals. We do request comments, however, on possible adverse effects on affected entities and will consider these carefully in formulating the final rule.

In accordance with the provisions of Executive Order 12866, this regulation was reviewed by the Office of Management and Budget.

List of Subjects in 42 CFR Part 493

Grant programs-health, Health facilities, Laboratories, Medicaid, Medicare, Reporting and recordkeeping requirements.

42 CFR part 493 would be amended as set forth below:

PART 493—LABORATORY REQUIREMENTS

1. The authority citation for part 493 continues to read as follows:

Authority: Sec. 353 of the Public Health Service Act, secs. 1102, 1861(e), the sentence following 1861(s)(11), 1861(s)(12), 1861(s)(13), 1861(s)(14), 1861(s)(15), and 1861(s)(16) of the Social Security Act (42 U.S.C. 263a, 1302, 1395(x)(a), the sentence following 1395x(s)(11), 1395x(s)(12), 1395x(s)(13), 1395x(s)(14), 1395x(s)(15), and 1395x(s)(16)).

2. In § 493.2, in the definition of “CLIA certificate” the introductory text is republished and paragraph (2) and (5) are revised to read as follows:

§ 493.2 Definitions.

* * * * *

CLIA certificate means any of the following types of certificates issued by HCFA or its agent:

* * * * *

(2) Certificate for provider-performed microscopy (PPM) procedures means a certificate issued or reissued before the expiration date, pending an appeal, in accordance with § 493.47, to a laboratory in which a physician, midlevel practitioner or dentist performs no tests other than PPM procedures and, if desired, tests approved by PHS as waived under § 493.7.

* * * * *

(5) Certificate of waiver means a certificate issued or reissued before the expiration date, pending an appeal, in accordance with § 493.37, to a laboratory to perform only the tests approved by PHS as waived under § 493.7.

* * * * *

3. A new § 493.7 is added to read as follows:

§ 493.7 Waived tests.

(a) Requirement. For a test to be included in the waived category, the test system must meet the descriptive criteria specified in paragraph (b) of this section.

(b) Criteria. Test systems must be simple laboratory examinations and procedures that have an insignificant risk of an erroneous result. Test systems cleared by the FDA for home use meet the criteria specified in this section and will be approved for waiver following submission of the manufacturer’s or producer’s request for waiver approval.

1. For quantitative tests, methods must be simple (easy to use) and accurate as evidenced by the following items:

(i) Test systems that have the following characteristics:

(A) Are fully automated or self-contained.

(B) Use only direct unprocessed specimens.

(C) Require no specimen manipulation before the analytic phase of operation.

(D) Require no operator intervention during the analytic phase.

(E) Provide a direct readout of results; that is, require no calculations or conversions.

(F) Contain fail-safe mechanisms that render no result when the test system malfunctions and initiate fail-safe mechanisms rendering no test result when the result is outside the reportable range.

(G) Require no invasive test system troubleshooting to be performed by testing personnel and include no electronic or mechanical maintenance to be performed by testing personnel.

(ii) Test system instructions that are written at a comprehension level no higher than the seventh grade (as demonstrated by accepted academic standards) and that address the following items:

(A) Analytical skills required of personnel performing the test.

(B) Attributes or limitations of the physical environment or conditions for test performance.

(C) Requirements for specimen collection, handling, storage and preservation.

(D) Reportable range for patient results.

(E) Reference range (normal values).

(F) Step-by-step protocols that include, as appropriate, the following items:

(1) Instrument or test system operation and test performance instructions.

(2) Test system maintenance procedures.

(3) Preparation and storage of reagents, calibrators, controls or other materials used in testing.

(4) Control procedures, including the type of materials, suggested concentrations, and frequency of assay.

(5) Calibration procedures, including the number and type of materials and frequency of assay.

(6) Acceptable ranges for any control or calibration material included with the test system.

(7) Action to be taken when calibration or control results do not meet the acceptable range of values.

(8) Description of course of action to be taken when the test system becomes inoperable.

(iii) Field studies that meet the following criteria:

(A) Are performed at nonlaboratory sites.

(B) Include study participants who have no previous laboratory experience or training. The number of participants and sites selected must be adequate to produce measures of performance that are both statistically valid and defensible.

(C) Demonstrate that the manufacturer’s or producer’s written instructions are the only protocols required to perform the test accurately and reliably.

(D) Demonstrate that the test system produces accurate results under the testing conditions and within the physical environment specifications defined in the test system instructions.

(E) For those tests that employ calibration, demonstrate that calibration is stable over the calibration frequency interval or that a fail-safe mechanism rendering no result is initiated when the test system is out of calibration.

(iv) Data from field studies that meet the following criteria:

(A) Are generated from protocols that address the points described in paragraph (b)(1)(iii) of this section.

(B) Are adequate to produce measures of performance that are both statistically valid and defensible (estimates must support valid confidence limits for all statistical parameters).

(C) Evaluate performance at all medical decision points and relevant upper and lower limits of the reportable range using at least three concentrations of the analyte being tested.

(D) Evaluate among-operator imprecision using test results of all study participants.

(E) Evaluate within-site imprecision using test results generated at each site by an adequate number of participants to produce measures of performance that are statistically valid and defensible. Testing must be performed at a minimum of three independent study sites.

(F) Evaluate among-site imprecision at an adequate number of sites to produce...
measures of performance that are statistically valid and defensible.

(G) Demonstrate that the total amount of imprecision, which includes all components contributing to imprecision as demonstrated by studies described in paragraphs (b)(1)(iv) (D), (E) and (F) of this section, is less than one-fourth of the reference range for the analyte divided by the mean of the reference interval.

(v) Method accuracy studies demonstrating that the test system is not affected by systematic error when—

(A) Using reference materials assayed by study participants that produce data that prove there is no statistically significant difference between the test results and the value of the reference materials;

(B) Using patient samples instead of reference materials, proving that there is no statistically significant difference between test results obtained on patient and reference materials due to the effects of the sample matrix; and

(C) Using patient samples containing substances that commonly cause interference, confirming there is no introduction of error due to the presence of these substances.

(2) For qualitative tests, methods must be simple (easy to use) and accurate as evidenced by the following items:

(i) Test systems that have the following characteristics:

(A) Use only direct unprocessed specimens.

(B) Require no specimen manipulation before performing the testing procedure.

(C) Contain no procedural steps beyond adding a sample to a reagent impregnated device.

(D) Require no specimen manipulation during the procedure.

(E) Require a well-defined distinct endpoint that is limited to positive or negative interpretation.

(F) Contain fail-safe mechanisms that render no result when the test system malfunctions.

(ii) Test system instructions that are written at a comprehension level no higher than the seventh grade (as demonstrated by accepted academic standards) and that address the following items, as appropriate:

(A) Analytical skills required of personnel performing the test.

(B) Attributes or limitations of the physical environment or conditions for test performance.

(C) Requirements for specimen collection, handling, storage and preservation.

(D) Patient result reporting.

(E) Reference range (normal values).

(F) Step-by-step protocols that include, as appropriate, the following items:

(1) Test performance instructions.

(2) Preparation and storage of reagents, calibrators, controls or other materials used in testing.

(3) Control procedures, including the type of materials and frequency of assay.

(4) Calibration procedures, including the number and type of materials and frequency of assay.

(5) Acceptable ranges for any control or calibration material included with the test system.

(6) Action to be taken when calibration or control results do not meet the acceptable range of values.

(7) The correct interpretation of test endpoints.

(8) Description of course of action to be taken when test endpoints cannot be determined.

(iii) Field studies that meet the following requirements:

(A) Are performed at nonlaboratory sites.

(B) Include study participants who have no previous laboratory experience or training. The number of participants and sites selected must be adequate to produce measures of performance that are both statistically valid and defensible.

(C) Demonstrate that the manufacturer’s or producer’s written instructions are the only protocols required to perform the test accurately and reliably.

(D) Demonstrate that the test system produces accurate results under the testing conditions and within the physical environment specifications defined in the test system instructions.

(E) For those tests that employ calibration, demonstrate that calibration is stable over the calibration frequency interval or that a fail-safe mechanism rendering no result is initiated when the test system is out of calibration.

(iv) Data from field studies that meet the following requirements:

(A) Are generated from protocols that address the points described in paragraph (b)(2)(iii) of this section.

(B) Are adequate to produce measures of performance that are both statistically valid and defensible.

(C) Confirm that study participants are able to read the test endpoint with the same precision as laboratory professionals.

(D) Confirm that the performance of study participants is essentially the same as laboratory professionals when testing samples at or near the cutoff and at sufficient distance above and below the cutoff to confirm precision at all analytical decision points.

(E) Demonstrate minimal among-operator imprecision using results of all study participants.

(F) Demonstrate minimal within-site imprecision using test results generated at each site by an adequate number of participants to produce measures of performance that are statistically valid and defensible. Testing must be performed at a minimum of three independent study sites.

(G) Using results generated by study participants, on aliquots of a single testing material, demonstrate minimal among-site imprecision at an adequate number of sites to produce measures of performance that are statistically valid and defensible.

(v) Method accuracy studies demonstrating that there is no statistically significant difference between observed values and expected values at the cutoff point when—

(A) The test values are compared to a quantitative result such as the value of a reference material or the presence or absence of a particular biologic component;

(B) Confirming that there are no significant equivocal test results on either side of the cutoff;

(C) Comparing results between study participants and laboratory professionals on samples with values at the cutoff;

(D) The test is performed on patient samples instead of reference materials, confirming there is no introduction of error due to sample matrix; and

(E) Samples contain substances that commonly cause interference, confirming there is no introduction of error due to these substances.

(c) Waiver process—(1) Process for requesting waived status. (i) Requests for waiver of tests must be submitted to PHS.

(ii) PHS reviews requests for waiver that meet the criteria specified in paragraph (b) of this section and the submission requirements under paragraph (c)(2) of this section.

(iii) The Clinical Laboratory Improvement Advisory Committee (CLIAC), as specified in subpart T of this part, conducts reviews upon request of HHS concerning the waiver of tests.

(iv) Any change or modification to a test system by the manufacturer or producer that could affect the accuracy or reliability of the waived test must be resubmitted to PHS for evaluation and review. Until this review is completed and status is determined, the modified test is considered unclassified and, in accordance with §493.17(c)(4), is considered high complexity.
A request for reconsideration of a test denied waived status is accepted for review if the request is based on information not previously submitted.

Submission requirements—

(a) Requests for waiver must meet the criteria described in paragraph (b) of this section. In the event that a request does not include complete information, the request is not reviewed and the manufacturer or producer of the test system is notified.

(b) Data collection protocols and data submitted must be complete and data submitted must be statistically valid and meet the criteria described under paragraph (b) of this section.

(c) Test system instructions must be complete and must include, as applicable, the items defined in paragraph (b)(1)(i) of this section for quantitative tests and under paragraph (b)(2)(i) of this section for qualitative tests. In addition, test system instructions must include the following statements:

(A) "Any modification by the laboratory to the test system or the PHS-approved test system instructions will result in the test no longer meeting the requirements for waived categorization. A modified test is considered to be high complexity and is subject to all applicable CLIA requirements contained in 42 CFR part 493."

(B) "The laboratory must notify the manufacturer or producer of this test system of any performance, perceived or validated, that does not meet the performance specifications as outlined in the instructions." The name, address and phone number(s) of the manufacturer's or producer's contact person(s) must follow this statement.

(iv) Using the criteria specified in paragraph (b) of this section, each test categorized as waived before [date of publication of final rule] will be reevaluated by PHS.

(iii) Waived categorization is effective as of the date of notification to the applicant.

(iv) PHS publishes additions and revisions periodically to the tests categorized as waived in the Federal Register in a notice with an opportunity for public comment. PHS reserves the right to reevaluate and recategorize a test based upon the comments it receives in response to the Federal Register notice.
§ 493.45 Requirements for a registration certificate.

(a) A registration certificate is required—

(1) Initially for all laboratories performing test procedures specified as PPM procedures; and

(2) For all certificate of waiver laboratories that intend to perform only test procedures specified as PPM procedures in addition to those tests approved by PHS as waived under § 493.7, or specified as PPM procedures as applicable, of this part; and

12. In § 493.47, paragraph (a) is revised to read as follows:

§ 493.47 Requirements for a certificate for provider-performed microscopy (PPM) procedures.

(a) A certificate for PPM procedures is required—

(1) Initially for all laboratories performing test procedures specified as PPM procedures; and

(2) For all certificate of waiver laboratories that intend to perform only test procedures specified as PPM procedures in addition to those tests approved by PHS as waived under § 493.7.

13. In § 493.49, the introductory text of paragraphs (b) and (b)(2) are republished and the introductory text of the section and paragraph (b)(2)(iv) are revised to read as follows:

§ 493.49 Requirements for a certificate of compliance.

A certificate of compliance may include any combination of tests categorized as high complexity or moderate complexity or approved by PHS as waived under § 493.7. Moderate complexity tests may include those specified as PPM procedures.

(b) Laboratories issued a certificate of compliance—

(1) Initially for all laboratories performing test procedures specified as PPM procedures; and

(2) Must permit announced or unannounced inspections by HHS in accordance with subpart Q of this part—

(iv) To collect information regarding the appropriateness of tests approved by PHS as waived under § 493.7, or tests categorized as moderate complexity (including the subcategory) or high complexity.

14. In § 493.53, the introductory text is republished and paragraph (a) is revised to read as follows:

§ 493.53 Notification requirements for laboratories issued a certificate for provider-performed microscopy (PPM) procedures.

Laboratories issued a certificate for PPM procedures must notify HHS or its designee—

(a) Before performing and reporting results for any test of moderate or high complexity, or both, in addition to tests specified as PPM procedures or any test or examination that is not approved by PHS as waived under § 493.7, or for which it does not have a registration certificate as required in subpart C or subpart D, as applicable, of this part; and

15. In § 493.1775, the introductory text of paragraphs (b) and (b)(4) is republished and paragraph (b)(4)(iv) is redesignated as (b)(4)(v), a new (b)(4)(iv) is added, and paragraphs (b)(4)(iii) and (c) are revised to read as follows:

§ 493.1775 Condition: Inspection of laboratories issued a certificate of waiver.

(b) The laboratory may be required, as part of this inspection, to—

(4) Permit HHS or its designee upon request to review all information and data necessary to—

(iii) Determine whether the laboratory is performing tests not approved by PHS as waived under § 493.7;

(iv) Determine whether the laboratory is performing the test in accordance with the manufacturer's or producer's instructions; and

(c) The laboratory must provide upon reasonable request all information and data needed by HHS or its designee to make a determination of compliance with the requirements of part 493. Requirements for the purposes of this section are located in subparts A and B or subpart D, if applicable, of this part.

Authority: Sec. 353 of the Public Health Service Act (42 U.S.C. 263a).

Dated: May 18, 1995.

Philip R. Lee,
Assistant Secretary for Health.

Bruce C. Viadeck,
Administrator, Health Care Financing Administration.

Dated: June 2, 1995.

Donna E. Shalala,
Secretary.

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