1. 15A NCAC 2D .0524 "NEW SOURCE PERFORMANCE STANDARDS" - For the spray booths (ID Nos. xxxx), the Permittee shall comply with all applicable provisions, including the notification, testing, reporting, recordkeeping, and monitoring requirements contained in Environmental Management Commission Standard 15A NCAC 2D .0524 "New Source Performance Standards" (NSPS) as promulgated in 40 CFR 60, Subpart TTT, including Subpart A "General Provisions."

    a. Emissions Standards – According to 60.722(a), the following emissions limits shall not be exceeded:

        i. 1.5 kilograms of VOC's per liter of coating solids applied from prime coating or color coating of plastic parts for business machines; and

        ii. 2.3 kilograms of VOC's per liter of coating solids applied from texture coating or touch-up coating of plastic parts for business machines.

    b. Monitoring Requirements - As required by 15A NCAC 2D .0524, the following monitoring shall be conducted:

        i. Determine the composition of coatings by analysis of each coating, as received, using reference Method 24 or from data that has been determined by the coating manufacturer using Method 24.

        ii. Determine the volume of coating and the mass of VOC used for dilution of coatings from company records during each nominal one-month period (with "nominal one-month period" meaning either a calendar month, 30-day month, accounting month, or similar monthly time period that is established prior to the performance test).

        iii. Calculate the volume weighted average mass of VOC's in coatings emitted per unit volume of coatings solids applied at each coating operation [i.e., for each type of coating (prime, color, texture, and touch-up) used] during each nominal one-month period for each affected facility.

        iv. If each individual coating used by an affected facility has a VOC content (kilogram VOC/liter of solids), as received, which when divided by the lowest transfer efficiency at which the coating is applied for each coating operation, results in a value equal to or less than the emission limits listed above, the affected facility is in compliance provided that no VOC's are added to the coatings during distribution or application.

    c. Recordkeeping Requirements - In addition to any other recordkeeping requirements of the Environmental Protection Agency (EPA), the owner or operator shall:

i. Maintain records of all data and calculations used to determine monthly VOC emissions from each coating operation for each affected facility.

ii. The records shall be maintained at the source for a period of at least two (2) years.

d. Reporting Requirements - In addition to any other notification requirements of the Environmental Protection Agency (EPA), the permittee is required to NOTIFY the Regional Supervisor, Division of Air Quality, in WRITING, of the following:

i. For each calendar year quarter in which the facility is not in compliance with the applicable emission limits in 40 CFR 60.722, the following shall be reported within 10 days after the end of the quarter:

A. The volume-weighted average mass of VOC's per unit volume of coatings solids applied for each coating operation for each affected facility during each nominal one-month period.

ii. Within 10 days after December 31 and June 30 of each year, the owner or operator shall submit statements that each affected facility has been in compliance with the applicable emission limits specified in 40 CFR 60.722 during each nominal one-month period for the previous six months.