

SINGLE SOURCE SUPPLIER JUSTIFICATION SHEET

DATE: 07/13/2026

PURCHASE ORDER NUMBER: 65812

SUPPLIER NAME: Fairbanks Scales

DESCRIPTION OF MATERIAL AND/OR SERVICES: Rebuilding and restoring the load cell holding sections—specifically the base plates, checking assemblies, and rocker mounts—on an existing Fairbanks weighing system.

Justification for Sole Source

The load cell holding sections of a Fairbanks scale are engineered as a unified, proprietary, self-checking suspension system. Procurement from an alternative third-party vendor is technically unfeasible for the following reasons:

The base plates, rocker mounts, and checking assemblies are protected under Fairbanks patents. No third-party manufacturer produces components that safely or accurately match these exact mechanical tolerances.

This suspension system is designed to act as a unified whole to prevent platform movement and load cell binding. Introducing non-OEM (Original Equipment Manufacturer) components compromises the self-checking mechanism, risking structural failure or binding.

This scale operates under strict National Type Evaluation Program (NTEP) certifications. Utilizing non-proprietary parts voids these certifications, rendering the scale illegal for commercial trade and requiring costly, lengthy re-certification processes.

Restoring this system requires proprietary Fairbanks calibration technologies and software to guarantee the accuracy and linearity required for operation.

Conclusion

In summary, maintaining the structural safety, legal-for-trade compliance, and operational accuracy of the Fairbanks weighing system requires the use of original, proprietary hardware and specialized calibration technologies. Because the load cell holding sections are engineered as a unified, self-checking suspension system, utilizing third-party components is technically unfeasible and introduces unacceptable operational risks.