Item		Materials (contents)	New	Re- new <sup>*1</sup>
.The name of th			Form	Form
2.Applicant nan			at 1	at 4
3.Static compression est apparatus		<ul> <li>Conditioning room(constant temperature chamber) to stabilize fender temperature</li> <li>a. Drawings and documents showing the space capacity of the Conditioning room.</li> <li>b. The annual temperature records of the Conditioning room (graphs, etc.).</li> <li>c. The materials to be able to confirm locations, methods, recording frequency and recording methods of the temperature measuring equipment.</li> <li>d. The materials to determine the temperature stabilizing time of fenders and the list of standard temperature stabilizing time required for each fender. The actual implementation records of temperature stabilizing time are to be confirmed on site.</li> </ul>	0	△ O
	3-2	<ul> <li>Static compression test apparatus</li> <li>a. The materials showing the relationship between the specimen space in the compression testing apparatus and the maximum dimensions (height, length, etc.) of fenders.</li> <li>b. The materials showing the relationship between the recorded or estimated maximum reaction force of the largest fender at the initial compression and the maximum compressive loading value of the static compression test apparatus.</li> <li>c. The materials showing the relationship between the maximum compression deflection of the fender and the compression stroke of the static compression test apparatus. Also the material showing the fenders have</li> </ul>	0	
		been compressed to their maximum deflections.  d. The materials showing how to determine the compression speed and the table of the set compression speeds of each fender. The actual compression speeds and the past records are checked on site.		0
	3-3	<ul> <li>Fundamentals of Fraud Prevention</li> <li>a. The organization chart and role explanatory materials of fender-related department including the quality assurance organizations.</li> <li>b. The materials showing the features such as login security, access log storage, and clock management of computers that handle the compression test data.</li> <li>c. The document that stipulates that "system users and system usage time" must be recorded electronically and "when, by whom" must be recorded on paper. These records are checked separately on site.</li> </ul>	0	0 4 0
		<ul> <li>The primary data recorded during compression tests (displacement, reaction force and time)</li> <li>a. The materials to stipulate that the primary data be recorded on a server or other device without any processing at the same time as the compression test or before the next process.</li> <li>b. The materials to confirm the recorded items of the primary data. Confirm the actual device separately.</li> </ul>	0	0
		<ul> <li>Archived all test data</li> <li>a. The document that describes how and where the data are stored (this storage is archived, not backed up).</li> <li>b. The document that explains access privilege to archived data and access levels such as read only or editing. Separate confirmation of the actual machine.</li> <li>c. The materials to confirm the data retention period.</li> </ul>	0	0
		<ul> <li>The process of static compression test</li> <li>a. SOP (Standard Operating Procedure) for all processes from the brake-in compression to the final performance test compression. The operation and test records are checked separately on site.</li> <li>b. A document explaining the automation level of settings for static compression test condition such as compression speed, start, end and interval. Confirm actual equipment separately.</li> <li>c. The document showing how to set items that cannot be automated and how to record the measurements. The implementation record shall be checked on site.</li> <li>d. The materials showing how to determine the time interval and the number of additional stabilizing compression. The statistical data showing the number of stabilizing compression.</li> <li>e. The materials showing which data can be displayed on a monitor or printed on paper during and after a compression test. The examples to confirm that these data are identical to the recorded primary data. Confirm separately the actual machine and data on site.</li> </ul>	0	0
		<ul> <li>Temperature and time management during testing</li> <li>a. The documents to show how to control the temperature and time in the relaxation time between stabilizing compression and performance test. Temperature and time records are to be confirmed on-site.</li> <li>b. The documents showing the temperature measurement method, location, frequency, and recording method, and annual temperature records of the compression test site. A list of times from the start of breakin compression to the performance test compression. Detailed records are to be confirmed on-site.</li> <li>c. The documents to confirm the regulation of constant temperature conditions when the compression test exceeds 2 hours and the record to confirm the temperature and time.</li> </ul>	0	Δ
		<ul> <li>Automatic creation of the test report</li> <li>a. The materials that explain the action from primary data collection to the test report creation. Confirm the actual process at site separately.</li> <li>b. The documents that can confirm the method and logic of acceptance judgment and the documents that stipulate compression to the maximum design deflection. Check the actual machine separately.</li> <li>c. The document that shows the storage format of the test report. Confirm separately the actual status on site.</li> </ul>	0	0
		<ul> <li>Confirmation of the storage data by the quality assurance manager</li> <li>a. Check the periodical or overall records that compared archived data with test report submitted to the customer and that confirmed that test report can be reconstructed by archived primary data.</li> <li>b. The record of periodic check by the Quality Assurance Manager to confirm that archived primary data has not been changed, overwritten, or deleted.</li> </ul>	0	0
	3-4	<ul> <li>Load cells and displacement meters</li> <li>a. The documents certifying the verification of load cells and displacement meters within the past one year from the date of application.</li> <li>b. The materials that show the method of load cell calibration (loop testing, etc. simultaneous verification with amplifiers) and materials that show the measures of anti-tamper with calibration values. Confirm separately the actual machine on site.</li> </ul>	0	0

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ltem		Materials (contents)	New	Re- new*1
4.Static Compression test records	4-1	<ul> <li>Performance curve and correction factors for each compression</li> <li>a. The documents that show the increment size of the displacement data for the performance curve.</li> <li>b. The documents that enable to confirm the break-in compression rules and their records.</li> <li>c. The tables and graphs of temperature and speed factors with the documents showing the correlations between temperature-frequency conversion rules (William-Landel-Ferry).</li> </ul>	0	Δ Ο Δ
	4-2	Check statistics of past exam records  a. The statistical data such as histograms for each fender type, size, and rubber grade prepared by the quality assurance manager authorized to access to the test data, and their analysis.	0	0
	4-3	Confirmation of processing results for rejected products and countermeasures  a. The standard for rejected products.  b. The documents of records and analysis of rejected products.	0	0
5.Phisical property test	5-1	Confirmation that the test results satisfy the standard values of "physical properties of rubber" specified in the  a. The statistical data of physical property test.  b. The standards procedure to failures and records of measures to prevent recurrence.	0	0
	5-2	Test facility certification record issued by certification body  a. The documents, records, calibration certificates, and etc. that enable to confirm that the test equipment, methods, and environments for the following tests comply with the Japan Industrial Standards (JIS). In addition, if it is a paper record, the document that enable to confirm the procedure for correct recording, transferring to the server, and creating a test report. Confirm separately on site.  The accelerated aging (at AtA-2) test under 70°C ± 1°C x 96+0-2 hours according to JIS K 6257.  The tensile test of JIS K 6251 before and after the accelerated aging.  The durometer A hardness test of JIS K 6253-3 before and after accelerated aging.  The static ozone deterioration test of JIS K6259-1 at 50±5pphm, 20±2% elongation, 40±2°C×72 hours.	0	0
	5.3	Confirmation of physical property test transcripts  a. Physical property test certificate issued by a testing agency within the last three years.	0	0
	5-3	<ul> <li>Confirmation that the material is from the same lot as the product subjected to the compression test</li> <li>a. The documents showing that it is established and implemented that the SOP states that fenders subjected to compression tests should be able to secure the weight of burrs specified in the contract documents, and etc., so that the cause can be investigated by analyzing the composition of the sample in the event of a problem.</li> </ul>	0	0
6. Establishment of fraud prevention system	6-1	Fraud rationalization prevention  a. Policies, and etc. issued by senior management (those who direct and manage the company at the highest level, who have the authority and responsibility to allocate the company's resources) to prevent data fraud from being rationalized.	0	0
	6-2	<ul> <li>a. The materials and record that the senior management or the organization/institution instructed by senior manager monitors or acts to prevent the motivation of the person in charge to commit data fraud from the pressure due to the technology, sales, manufacturing, the external sources, lack of man-time or equipment.</li> </ul>	0	0
	6-3	Confirmation of penetration status of data integrity  a. The survey result of penetration status of data integrity improvement to the employees.	0	0
		Training records  a. The training records of data fraud prevention and countermeasures for the employees.	0	0
	6-5	<ul> <li>Open corporate culture</li> <li>a. The internal reporting rules and company policies based on the Whistleblower Protection Act.</li> <li>b. The documents showing that an open corporate culture is being built.</li> </ul>	0	0

When renewing, O must be submitted, and  $\triangle$  must be submitted if there is a change from the time of new application.

On site checking must be conducted on renew.

\*1:

Established April 1, 2024

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