

# JP-ZOO-INST-24: Recording Temperatures for Transport of Velociraptors

## 1. PURPOSE

This Work Instruction describes the DINO Transporter's responsibility of keeping the Velociraptors safe if the current temperature is out of the safe temperature range, which is 40°F-55°F for Velociraptors.

### SCOPE

This Work Instruction applies to DINO Operations Staff and teammates in the United States.

## 2. SAFETY

There are no direct safety implications implicated by this procedure.

## 3. RESPONSIBILITY

<b>Transporters</b>	Record temperatures from the TYR55 sensor located in the cargo bay of every dinosaur freighter on the Research Dinosaur Welfare Check Log. Velociraptors are not safe when temperatures are out of range (40°F-55°F).
<b>Associate Director, Operations and Strategy</b>	Responsible for the action plan when temperatures in the freighter cannot be controlled and for Alert Monitoring
<b>Yard Centre Manager (YM)</b>	Alert monitoring. Responsible for the action plan when the freighter cannot be controlled.
<b>Corporate Associate Dispatch Manager</b>	Setting up Alerts and Alert monitoring.
<b>Staff</b>	Resolve any scenario where the freighter temperatures are out of range (40°F-55°F) by following instructions for Alert monitoring.

## 4. INSTRUCTIONS

### 6.1 Reading the Planet TYR55 sensor.

- 6.1.1 The temperatures in the cargo area of each DINO vehicle is monitored by the Planet TYR55 sensor which is located on the reefer in the cargo bay.

- 6.1.2 The TYR55 Planet sensor is an environmental sensor that can monitor both temperature and humidity.
- 6.1.3 Each research dinosaur transporter has the responsibility of monitoring temperatures in the cargo bay area of their freighter every 4 hours at vehicle loading, in-transit, before and after a DOT break and at every delivery location.
- 6.1.4 The transporter should press the black button (if needed) to toggle the TYR55 sensor between temperature reading and humidity reading to get the temperature reading. Temperature is displayed in °F units.

Figure 1: Temperature Setting on Planet Sensor



- 6.1.5 Once the Transporter sees the temperature reading, he should document the temperature on JP-ZOO-QREC-05, *Research Dino Welfare Check Log* in the Planet temperature reading column.

## **6.2 Response to Active Alerts**

Response to Planet temperature alerts are standardized for each of DINO's sites. Planet Alerts are configured to send out both text and email alerts for each vehicle.

Alerts are set up based on a calling tree for each DINO site with five Staff set up to receive the alerts.

- 6.2.1 To ensure the text alerts are heard by the transporter, each DINO transporter and the Staff on the alert calling tree should set the ring tone to the highest possible volume or a distinct ring tone that will alert the individual.

6.2.2 The loss of temperature control in the cargo area may be caused due to the following:

6.2.2.1 Defective Reefer.

6.2.2.2 The freighter will not start.

6.2.2.3 Accident.

6.2.2.4 Natural Disaster

6.2.3 When the temperatures fall outside the specified range (outside the 40°-55°F range), Staff on the calling tree for a particular location will receive a temperature alert from Planet (a text and / or email).

6.2.4 All Staff on receipt of the alert message should first call the Transporter of the vehicle and then immediately call the local YM to make them aware of the alert.

6.2.5 The transporter should try to fix the problem on hand if possible.

6.2.6 If the temperature variance can be resolved by the transporter, the YM should send out an email/text to all Staff on the specific alert calling tree notifying them that the temperature problem has been fixed.

6.2.7 Otherwise, if the temperature cannot be controlled within the specified range, the transporter should inform the YM that the problem cannot be fixed.

6.2.8 At this point, the YM should notify the Associate Director of Operations and Strategy and work with the transporter to make plans to move the Velociraptors to a safe area where the temperature is between 40°F and 55°F, till the reefer/freighter issue is resolved.

6.2.9 If the Velociraptors are moved to a different location, every effort must be taken to note the temperature and conditions in the new location and the actual time the Velociraptors were moved and the time they were moved back into the freighter.

6.2.10 If the transporter is unreachable, all efforts must be made to keep reaching out to the transporter till the transporter responds to the alert.

## **7 QUALITY DOCUMENTS**

7.1 Research Dinosaur Welfare Check Log

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## **8 REFERENCES**

N/A