**Sequence Title**: Pressure Relief

**Doc Version:** 1.00.2

**Published By:** Tim Reamsbottom

**Publish Date**: 21/07/2015

# Version History

*The version number corresponds with the program version number set in Automation Studio.*

|  |  |  |  |
| --- | --- | --- | --- |
| Publish Date | Version Number | Comments | Engineer Initials |
| 21/07/2015 | 1.00.1 | First standard release | TR |
| 02/01/2018 | 1.00.2 | Add Alarm for trip made, before release | TR |
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# Sequence Description

## Basic Sequence Description

|  |
| --- |
| This sequence is a standard pressure relief for full and empty bags. |

## Sequence Steps

|  |  |
| --- | --- |
| Step | Description |
| 0 | Disabled |
| 1 | Wait for bag at buffer. |
| 2 | Wait for bag to be released. |
| 3 | Click here to enter text. |
| 4 | Click here to enter text. |
| 5 | Click here to enter text. |
| 6 | Click here to enter text. |
| 7 | Click here to enter text. |
| 8 | Click here to enter text. |
| 9 | Click here to enter text. |
| 10 | Click here to enter text. |
| 11 | Click here to enter text. |
| 12 | Click here to enter text. |
| 13 | Click here to enter text. |
| 14 | Click here to enter text. |
| 15 | Click here to enter text. |
| 16 | Click here to enter text. |
| 17 | Click here to enter text. |
| 18 | Click here to enter text. |
| 19 | Click here to enter text. |
| 20 | Click here to enter text. |

# IO Description

## Standard IO Descriptions

|  |  |  |  |
| --- | --- | --- | --- |
| Standard Block number | Block Port | Input  Output | Description |
| 220 | 1 | X | SPR1 – Bag at buffer |
| 220 | 2 | X | Spare |
| 220 | 3 | X | Spare |
| 220 | 4 | X | Spare |
| 220 | 5 | Y | SPR1 – Open buffer |
| 220 | 6 | Y | Spare |
| 220 | 7 | Y | Spare |
| 220 | 8 | Y | Spare |
| No. | - | - | Click here to enter text. |
| No. | - | - | Click here to enter text. |
| No. | - | - | Click here to enter text. |
| No. | - | - | Click here to enter text. |
| No. | - | - | Click here to enter text. |
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*Description must contain “–“after sequence identifier (i.e.SPN1 – ).*

# Manual Description

|  |
| --- |
| 1. Disabled   All controls functions are disabled.   1. Wait for bag at buffer   A logical assessment is made of the input buffer condition, by checking the “bag at buffer” proximity switch and data for validity (if applicable), The release line space is checked and the line trip must be in the “line clear” state. The sequence will change to step 2.   1. Wait for bag to be released.   The buffer stop opens and the bag gravitates in the outgoing buffer. When the line trip proximity switch is made, the sequence will change to step 1. |