



Steve Nixon <steve.nixon.viamed@googlemail.com>

Re: 0110361 R-22AHJR batch (H8) testing

1 message

hirose@jikco.co.jp <hirose@jikco.co.jp>
To: steve.nixon@viamed.co.uk
Cc: Main Account <viamedinbox@gmail.com>

23 August 2018 at 02:50

Dear Steve

"then after repressing all sensors passed?"

Yes, after repressing, all failed sensor were passed on leakage test.
And, I Confirmed that re-pressurization does not affect sensor output.

See attached file.
(See attached file: R-22AHJR Confirmation test that re-pressurization does not affect sensor output.pdf)

I think this re-pressurization is special treatment.
So, I would like your continued research on leakage problems.

Best regards,

Toru Hirose

いちねんで、いちばんの毎日を。

〒108-0023

東京都港区芝浦三丁目20番4号

第六共栄ビル6F

株式会社イチネンジコー

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「感動」「信頼」「変化」「挑戦」の4つの価値観を追求するためのビジョンスローガン

「前へ、もっと、前へ。」

...一歩踏み出す力、それが新しい歴史を創ります。...

送信元: Steve Nixon <office@viamed.co.uk>
宛先: Toru Hirose <hirose@jikco.co.jp>
日付: 2018/08/22 21:24
件名: Re: 0110361 R-22AHJR batch (H8) testing
送信者: Main Account <viamedinbox@gmail.com>

Thank you for the copy of your testing and results. So 5 out of 90 sensors failed, then after repressing all sensors passed?

This is good, but they should pass without you having to take such action.
I will ask the factory to review their process and pressure applied.

Thank you Toru for the much valued feedback.

Regards

Steve

On Wed, 22 Aug 2018 at 09:52, 広瀬 亨 <hirose@jikco.co.jp> wrote:
Dear Steve

I have understood the meaning of space.
Thank you.

Attached file is our recent leakage test.
If you have any opinion, Please let me know.

(See attached file: Our leakage test 20180822.pdf)
Best regards,

Trou Hirose

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ガン

「前へ、もっと、前へ。」

...一歩踏み出す力、それが新しい歴史を創ります。...

送信元: Steve Nixon <office@viamed.co.uk>

宛先: 広瀬 亨 <hirose@jikco.co.jp>

日付: 2018/08/22 16:38

件名: Re: 0110361 R-22AHJR batch (H8) testing

送信者: Main Account <viamedinbox@gmail.com>

Sorry, what I meant about space was each time we cut open the bag it gets shorter in length, so we don't have sufficient space to reseal the bag.

We can put the sensors in new bags, but without new labels.

Steve

On Wed, 22 Aug 2018, 01:43 広瀬 亨, <hirose@jikco.co.jp> wrote:

Dear Steve

"Why does it take three weeks to carry out your testing?"

As we conduct 70 gas leak tests in a week, it means that it takes 3 weeks

to test 185 sensors.

What I wanted to say is that the remaining sensors do not need so much urgent supply.

"The only problem is that due to the multiple testing, we are running out

of space to reseal the bags."

Does "space" mean the work place?

If so, we do not ask you to do output test again.

Please send them to us.

Best regards,

Toru Hirose

ICHINEN JIKCO Co., LTD.

いちねんで、いちばんの毎日を。

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送信元: Steve Nixon <office@viamed.co.uk>
宛先: Toru Hirose <hirose@jikco.co.jp>
日付: 2018/08/21 18:59
件名: Re: 0110361 R-22AHJR batch (H8) testing
送信者: Main Account <viamedinbox@gmail.com>

Dear Hirose

Why does it take three weeks to carry out your testing?

Of course we can test the outputs again on the remainder of this batch.
The only problem is that due to the multiple testing, we are running out of space to reseal the bags. We had resealed them again as we expected the you needed them shipping.

Is it OK with you if we reseal the sensors in new plain bags, I believe this will be OK as you are relabelling and using new bags yourself. We will include the original bag and label inside

Regards

Steve

On Tue, 21 Aug 2018 at 07:11, 広瀬 亨 <hirose@jikco.co.jp> wrote:
Dear Steve

Thank you for sending 185 sensors.
It takes 3 weeks to test 185 sensors for us.

Can you test rising output test using remaining sensors ?
You mentioned "we should ideally test again after another 1-2 weeks."
in your mail.
If it possible, we want your Rising outputs test again.

Best regards,

Toru Hirose ICHINEN JIKCO CO., LTD.

いちねんで、いちばんの毎日を。

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送信元: Steve Nixon <office@viamed.co.uk>
宛先: Toru Hirose <hirose@jikco.co.jp>
日付: 2018/08/21 01:52
件名: Re: 0110361 R-22AHJR batch (H8) testing
送信者: Main Account <viamedinbox@gmail.com>

Dear Hirose

We managed to get 185 sensors shipped to you today via UPS. I will

send
you
the tracking number tomorrow morning.

Subsequently we have carried out a gas leakage test on the remainder
of
the
batch of 307 x R-22AHJR sensors

The good news is that there was just the one sensor which didn't have
the
backing paper removed from the foam adhesive ring. So, it looks like
the
issue has hopefully been resolved.

Do you still have any failed sensors that you could return to us for
examination?

Shall we retain the remaining sensors for the timebeing or do you
wish
for
them to be shipped tomorrow?

Regards

Steve

On Mon, 20 Aug 2018 at 08:47, <hirose@jikco.co.jp> wrote:
Dear Steve

Thank you for sending test report.
I think the reason for leakage (sealing ring backing tape not
removed)
is
very valuable.
We JIKCO agree to make the test results at VIAMED confidential.

We need 50 sensors by 23, August.
Next we need 70 sensors on 30, August.
Fare costs, but it is good if you can deliver it separately.
Then you may be able to conduct a leak test at VIAMED.

Best regards,

Toru Hirose ICHINEN JIKCO CO.,LTD.

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送信元: Steve Nixon <office@viamed.co.uk>
宛先: Toru Hirose <hirose@jikco.co.jp>
日付: 2018/08/20 08:15
件名: 0110361 R-22AHJR batch (H8) testing

送信者: Main Account <viamedinbox@gmail.com>

Dear Toru

Further our recent discussions sensors delivery lead times have improved, but we have still been experiencing problems due to: Initial high outputs, rising high outputs (time delayed), gas leakage and sensor output overshoot (after prolonged nitrogen exposure). However, from the single batch brief assessment below, it looks

like the situation is improving. We have tested the latest batch of 307 x R-22AHJR sensors (H8), spreadsheet data is attached. Again, please may I ask you to keep this information confidential between Jikco and Viamed. I believe that you still urgently need sensors. Please let me know if these sensors are acceptable for you and whether you would like them shipping straight away. We are more than willing to delay shipment and carry out extra testing, especially in regard to testing the whole batch for gas leakage. We can ship you 302 sensors from the orders below:
300 sensors - ORD93189 These have not arrived from the factory yet
300 sensors - ORD92486 These can be shipped now
2 sensors (balance remaining from the order) ORD91972 These can be shipped now

1) QA mV output test

Out of 307 sensors just 3 read high >13.5mV
mv output spread is as follows:
11.2 – 11.9 mV - 91 sensors
12.0 – 12.9 mV - 196 sensors
13.0 – 13.5 mV – 17 sensors
>13.5 mV - 3 sensors

2) Sample set - Gas leakage test

30 sensors were tested for gas leakage, just one of these failed (sealing ring backing tape not removed). We should test the whole batch for true statistics and to see if there are any other reasons for sensor leakage. We can disassemble the sensors here at Viamed for further investigation and would then inform the factory about our findings and conclusions .

3) Sample set - Output overshoot assessment

To detect overshoot issue we tested the same batch of 30 sensors, out this batch, 3 sensors initially failed but recovered within one hour. The test sensors were left in a nitrogen environment for >4 days.

4) Rising outputs – Short term testing

To try and detect if the rising high outputs are an issue, we tested the majority of the sensors twice with an interval of six days. This looks promising as the sensors passed this initial test. To be absolutely sure we should ideally test again after another 1-2 weeks.

Regards

--
Steve

Steve Nixon
Director - Viamed Ltd.

Office: +44 (0)1535 634542

Mobile: +44 (0)7850 252267[添付ファイル "0110361 R-22AHJR H8 QA
results

2018-08-17 v2.xlsx" は 広瀬 亨/イチネン が削除しました]

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R-22AHJR Confirmation test that re-pressurization does not affect sensor output.zip

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