## TESTING SAMPLES OF NEW HOSE,

Five Brands Examined by the Uty's Expert.

Friction Test Shows Startling Losses in Pressure.

Samples of Hose Some Time in Use Prove Still Strong.

The official test of the samples of ose submitted by the various manufacturers who are desirous of supplying the city with the 2,500 feet of new which is to be purchased this rear, took place at the Central Fire Hall yesterday afternoon, occupying the better part of the afternoon. The test was not completed at 5.30 o'clock, when it was decided to cease operations for the day. It will be resumed thir morning, but some of the tests are of so lengthy a nature that it will ur or five days before the cominformation which is desired as to the merits of the various brands.

A Tedious and Cold Job.

Yesterday's tests took place at the Fire Hall, instead of on the market square, as had at first been intended. The change was made for the reason that it was found possible to do all was required within the hall, instead of calling upon all concerned to spend hours out in the cold atmosphere of the winter afternoon. As it was, it was none too warm an experience. Several of the aldermen were The hose companies were represent-

ed and submitted samples as follows:-Gutta Percha Rubber Company, of Coronto-Represented by Mr. Georg Tait.' Submitted samples of "Eureka hose, offered at \$1.05 per foot; "Para hose, at 90 cents per foot, and "Premier" wax and gum hose, at 80 cents per foot.

Canadian Rubber Company,

Montreal-Represented by Mr. J. C Nicholson. Submitted samples of "Keystone" hose, at 85 cents per foot. Durham Rubber Company, of Bowmanville—Represented by Mr. C. A. Crawford. Submitted samples of "Durham" hose, at 90 cents per foot, and of "Dominion" hose, at 80 cents

test was conducted by Mr. Angus, the expert who has aged by the Council throughinstallation of the recent imits in the city's fire fighting

Hose Showed Up Well.

commencement, comewhat of e was afforded the agents of first named companies when

The "Keystone" was first brought out, and the full force of the pumps being applied, the hose straightening out with a thud. The sample of "Keystone" tested was purchased by the city in the year 1900, and had thus been subjected to considerable wear and tear. It withstood the test, hower, in good shape. When the gauge showed a pressure of 300 pounds 'the joint of a coupler blew out, and the process had to be repeated. This time the needle on the guage travelled to 430 pounds before the collar on coupled again gave way. A length of "Paragon" hose was then inserted, sample having been in use since 1902, the other being therefore two years older in the service. The test was again very satisfactory as the hose withstood a pressure of 540 pounds in good style.

Considerable Loss by Friction. Attention was then turned to the riction test, designed to show what loss in pressure was sustained by the

weight, 2 pounds pressure loss. Paragon, 50 feet 1 1-4 in., 56 lbs. weight, 2 1-2 pounds pressure loss. Eureka, 2 1-2 pounds pressure loss. Eureka, 2 1-2 pounds pressure loss. Eureka, 2 1-2 pounds pressure loss. 50 feet 5 3-4 in., 61 1-2 lbs. weight, 3 pounds pressure loss. Durham, 50 feet 4 in., 72 1-2 lbs. weight, 6 pounds pressure loss. Dominion, 45 feet 8 3-4 in., 69 lbs. weight, 6 pounds pressure oss. Premier, 49 feet 9 3-4 in., 72 lbs. weight, 7 pounds pressure loss. The

lated as follows:-



COREAN TROOPS ON THE MARCH. The Coreans are alleged to have joined forces with the Japanese.

procedure was as follows:—A line was laid through the hall from the hydrant on the corner and the length of hose to be tested was coupled on so that the test could be conducted in the hall. At each end of the sample length was placed a gauge, the expert thus being able to tell at a glance the pressure when the water entered the sample hose and the pressure when it

The test is said to be an accurate one but it is only fair to the agents to that none of them regarded it as particularly to be relied upon. In fact the statement was made that the only reliable test for friction was that followed at McGill University where the water is run from an elevated tank through the hose to be tested into a lower tank, the length of time taken to empty the tank, being registered, together with the pressures. igus brought out samples of test of yesterday afforded a very fair idea of the relative smoothness of the sample and the loss

# SALARY INCREASES FOR CITY TEACHERS.

Substantial Advances To Bel Recommended.

Lower Grades at Last Are Recognized

membered.

At a meeting of the finance comeen in constant use by the in pressure in each instance.

Each sample length entering this held last night, the principal business first constally measured was the discussion of the teachers' rmining the resistive qualities test was first carefully measured was the discussion of the teachers' hose the amount of pressure and weighed, the weight of the hose salary question. Those present were hose withstand after her being a very important factor when Messrs. Gammage, Hamilton, and firemen are using it from a ladder. MacRobert, and Drs. Teasdall and Inspector Carson and Prinipal Radeliffe were also in attenance. In the absence of Chairman Yeates, Mr. Gammage was called upon to preside. The committee were unanimous in

granting increases to all teachers having salaries under \$500, to the principals of three of the schools.

The teachers of the Collegiate Institute are also to have their salries readjusted.

A petition was submitted from the first-assistant teachers of the public schools, asking for an increase of

Dr. Teasdall was of opinion that he teachers in the lower grades held position of as great responsibility those in the higher. He thought that some of the teachers in the highr grades, who were receiving \$500 a ear or so, should be superannuated. If the salaries were increased in those grades, he thought they might as well ppoint male assistants.

NO ONE GRADE WAS CONSIDERED.

Mr. MacRobert moved that they do ot take up the salary question as re ating to any particular grade, but the Dr. Teasdall thought that the minnum salary of the teachers was a ittle too low. At present the mininum salary is \$275, rising to a maxinum of \$500, by annual increases of He moved that in future the ninimum salary paid female assisant teachers be \$300, the same role apply to all now on the staff reeiving less than \$300 and that all reeiving less than \$500 receive an inrease of \$25 per annum till the max-

This was carried unanimously. A petition was received from the eachers of the Collegiate Institute asking that their salaries should also e reconsidered. At present the teach versation. As the door opened, from below came the voices of new-comers, the low came the voices of new-comers, the sassistants and specialists, with salaries of from \$1,100 to \$1,200 per annum; the second class comprises graduates and specialists, receiving from \$1,000 to \$1,100 per annum, and the third class; other teachers, veceiving from \$900 to \$1,000.

INCREASE MADE rs in the Collegiate are divided into

INCREASE MADE AT THE INSTITUTE.

Dr. Teasdall moved that the salaries of the teachers in the first-class be from \$1.150 to \$1.275 per annum, second-class from \$1,050 to \$1,175, and the third-class from \$900 to \$1,000. The ncrease to be by annual sums of \$25 was also agreed that the salary of Miss Kelso, who is in a class by her be increased from \$800 to \$900 annual sums of \$25. The salaries the balance of the staff, including the drawing, domestic science and physical instructors to remain as at It was also agreed that the alary of Mr. W. H. T. Mooney, commercial teacher, be raised from the third to the second class. It was recommended that the salary Vice-principal Little be raised to

It was unanimously agreed that In spector Carson's salary be increased by \$150 per annum. His salary is at present \$950 with a Government grant of \$5 per annum far each room. On the motion of Mr. Hamilton was agreed that the salaries of the principals of King, Wortley Road and Grand Avenue Schools be raised to

\$1,450 per year, by annual increases of

\$750 by yearly sums of \$25. The estimates were not completed. the salaries in the public schools and high school being left to the inspec tor of the public school and the prin cipal of the high school for adjust-ment, their report to be handed to the audit committee. The meeting then adjourned.

This is the season of the year when the kind landlord helps a man to raise

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obtaining of these figures occupied a long time, and at its conclusion Mr. Angus entered upon the task of testing the new samples for strength, to see that each came up to the specifications, which require that the hose shall be able to stand a pressure of 400 pounds. As soon as the gauge registered this pressure the test was completed and the water turned off. The sample of "Keystone" hose was the only one thus tested before an adjournment was made until this morning.

More quickly they rode on. Furtively, with suppressed rage in his heart, the duke's fool regarded his companion. Her face was cold and set, and as his glance rested on its pale, pure outline, beneath his breath he cursed Brusquet, Triboulet and all their kind. He understood now-he had heretefore been fairly assured of was unmistakably confirmed. The sight of the tavern which they came suddenly upon and the appearance of the innkeeper interrupted this dark trend of thought, and springing from his horse, the jester helped the girl to dismount.

The house, being situated in the immediate More quickly they rode on. Furtively

ed the girl to dismount.

The house, being situated in the immediate proximity of the grand chateau, received a certain patronage from noble lords and ladies. This trade had given the proprietor such an opinion of his hostelry that common folk were not wont to be overwhelmed with welcome. In the present instance the man showed a disposition to scruntinize too closely the modest attire of the new-comers and the plain housings of their chargers, when the curt voice of the iester recalled him sharply from his forward occupation.

of the jester recalled him sharply from his forward occupation.

With a shade less of disrespect, the proprietor bade them follow him; rooms were given them, and, in the larger of the two chambers, the plaisant, desiring to avoid the publicity of the dining and tap-room, ordered their supper to be served.

During the repast the girl scarcely spoke; the capon she hardly touched; the claret she merely sipped. Once when she held the glass to her lips, he noticed her hand trembled just a little, and then, when she set down the goblet, how it closed, almost flercely. Beneath her eyes shadows seemed to gather; above them her glance shore ominously. ominously.

"Oh," she said at length, as though giving utterance to some thought, which, pentup, she could no longer control; "the irony; the tragedy of it!"

"What, Jacqueline?" he asked, gently, although he felt the blood surging in his

head.
"'Morbleu! A merry monarch'—"
she began, and broke off abruptly, rising
to her feet, with a gesture of aversion,
and moving restlessly across the room,
and these rears! After all that has

"After all these years! After all that has gone before!"
"What has gone before, Jacqueline?"
"Nothing," she answered. "What has gone before, Jacqueline?"
"What has gone before, Jacqueline?"
"Nothing," she answered, "nothing,"
For some time he sat with his sword
teross his knees, thinking deeply. She
yent to the window and looked out. When

ie spoke again her voice had regained it A dark night," she said, mechanically. "Jacqueline," he asked, glancing up from ne blade, "why in the crypt that day we scaned did you pause at that monument?" escaped did you pause at that monument?
Quickly she turned, gazing at him from
the half-darkness in which she stood.
"Did you see to whom the monument
was erected?" she asked in a low voice.
"To the wife of the constable. But
what was Anne, Duchess of Dubrols, to

"She was the last lady of the castle," and the girl softly.

Again he surveyed the jewelled emblem on the sword, mocking reminder of a glory cone beyond recall. "And how was it, mistress, the castle was confiscated by the king?" he continued, ifter a pause

"Shall I tell you the story?" she asked, er voice hardening.
"If von will," he answered.
"Triboulet's description of the scene where the constable braved the king, in-sisting on his rights, was true," she ob-served, proudly.

"The throne," said the wondering fool. Quickly she crossed the room and lean of upon the table. In the glimmer of the andles her face was soft and deader. He ore womanly expression, "But he refused it," she continued, "for e loved only the memory of his wife, Lady

Anne. She, a perfect being. The other-what?" On her features shone a fine contempt.

"Then followed the endless persecution and solte of a woman scorned," she continued, rapidly, "One by one, his honors were wrested from him. He who had borne the flag triumphantly through Italy was deprived of the government of Milan and replaced by a brother of Madame de Chateaubriant, then favorite of the king. His castle, lands, were confiscated, until, driven to despair, he fleel and allied himself with the emperor, "Traitor," they called him. He, a Bayard."

A moment she stood, an exalted look on her features; tall, erect; then stepped toward him and took the sword. With a bright and radiant glauce she surveyed it; pressed the hilt to her lips, and with both hands held it to her bosom. As if fasci-On her features shone a fine contempt

nated, the fool watched her. Her counten ance was upturned; a moment, and it fell; a dark shadow crossed it; beneath her a dark shadow crossed it; beneath her lashes her eyes were like night.
"But he failed because Charles, the emperor, failed him," she said, almost mechanically, "and broken in spirit, met his death miserably in exile. Yet his cause was just; his memory is dearer than that of a conqueror. She, the queen-mother, is f a conqueror. She, the queen-mother, is lead; God alone may deal with her."

More composed, she resumed her place in the chair on the other side of the table,

the sword across her arm.
"And how came you, mistress," he ask od, regarding her closely, "in the pleasure palace built by Francis?"
"When the castle was taken, all who had not fled were a gamekeeper and his little girl—myself. The latter"—ironically—"pleased some of the court ladies. They are mounted her wiff and gradually was she mmended her wit, and gradually was 6 advanced to the high position she occupied when you arrived." with a strange glance across the board at her listener.

mum is reached, the rule to apply to dead?"

"And the gamekeeper—your father—is dead?" "Long since "The constable had no children?"
"Yes: a girl who, it is believed, died with him in Spain. The entrance of the servant to rethe dishes interrupted their further ersation. As the door opened, from

> she said, looking at him, he arms on the table. "you drew it bravely, and—once-more bravely—kept it sheathed." His face flushed. She half smiled; then placed the blade on the board before him. "There it is."

> Above the sword he reached over, as if to place his hand on hers, but she quickly rose. Absently he returned the weapon to rose. Absently he returned the weapon to his girdle. She took a step or two from him, nervously; lifted ther hand to her brow and breathed deeply.
>
> "How tired I feel!" she said.
>
> Immediately he got up. "You are wora out from the journey," he observed, quick-ly.

ad most affected her.
"I will leave you," he went on. on everything you need?"
"Everything," she answered carelessly.
He wa'ked to the door. The light wa "Everything," she answered carelessly.

He walked to the door. The light was
an his face: hers remained shaded.

"Good-night," she said.

"Good-night, Jucqueline, Duchess of
Dubrois," he answered, and, turning, disppeared down the corridor.

CHAPTER XXIII.—THE DWARF MAKES AN EARLY CALL. From one of the watch-towers of the own rang the clear note of a trumpet, a ribute of melody, occasioned by the awak ening in the east. As the last clarion tones re-echoed over the sleeping village, a crimson rim appeared above the horizon and soon the entire wheel of the chariot of the sun-god rolled up out of the illimitable above and began its daily race across the sky. The stolid burder yawned ruckthe sky. The stolid bugler yawned, tucked his trumpet under his arm, and, having perfunctorily performed the duties of his office, tramped downward with more alargitations. office, tramped downward with more alacrity than he had toiled upward.

About the same time the sleepy guard at the town gate was relieved by an equally drowsy-appearing trooper; here and there windows were flung open, and around the well in the small public square the maids began to congregate. In the taproom of the tavern the landlord moved about, setting to rights the tables and

The result in each case may be tabu-

then the duke's plaisant, his cleak over is arm, descended the stairs, and, ad-ressing the landlerd, asked when he and

his arm, descended the stairs, and, and dressing the landlord, asked when he and his companion could be provided with breakfast." grumbled the proprietor. "Breakfast!" grumbled the proprietor. "The maids are hardly up and the fires must vet be started. It will be an hour or more before you can be served." The Jester appeared somewhat dissatisfied, but contented himself with requesting the other to set about the meal at once. "You ride forth early." answered the man, I man aggrieved tone.

The plaisant made no reply as he strode to the door and looked out; noted sundry signs of awakening life down the narrow street, and then returned to the tap-room. "You had a noisy company here last night, landlord?" he vouchsafed, glancing around the room and recalling the laughter and shouts he had heard below until a late hou:

"Noisy company: reforted the innkeeper." A goodly company that ate and drank freely. Distinguished company that paid freely. The king's own guards who are acting as ascort to Robert, the Duke of Friedwald, and his bride, the princess. Noisy company, forsooth."

The young man started. "The king's guards:" he 'said. "What are they doing there?"

The other vigorously rubbed the top of a table with a damp cloth. "Acting as es-cert to the duke, as I told you," he re-plied.

"The duke is here, also?" To be continued.

### Does Tobacco Affect the Health?

In a Thousand Ways its Excessive Use is Injurious to the System. Causes Heart and Nerve Troubles.

That tobacco exerts a very decided nfluence upon the body is unquesioned. Thoughtful physicians pronibit smoking in convalescence just as they do in the formative years of youth, when the system is so susceptible to the action of narcotics. In functional heart trouble the tobacco habit is often looked for as cause, and many a smoker wakes up at night feeling all the terrors caused by a fluttering, palpitating heart. If there is something wrong with your heart that makes you wake up with a start, you ought to take Ferroone regularly, because it is the best heart medicine made. All the muscles and nerves about the heart are strengthened and given new force by Ferrozone, which is noted for its prompt cures of heart disease.

As a rule weak hearf and weak erves go together, so it is important that Ferrozone should be used until the nervous system is completely re tored. From every part of America omes convincing evidence that Ferrozone possesses merit far beyond th ordinary. Its cures are lasting, like that of a well-known merchant in St. John's, Mr. Philip T. Drayton, who "But why had the noble wearer of this sword been deprived of his feudality and "I can give good advice to everyone suffering from heart weak-"Recause he was strong and great, and a few months ago, and was unable to be king feared him; because he was noble work. Without any apparent cause I the king feared him; because he was noble and handsome, and the queen-regent loved him. It was not her hand only, Louise of Savoy, Francis' mother, offered, but—the tions, but found Ferrozone the trengthened my heart and nerves and enabled me to go to work again Nothing else ever helped my hear like Ferrozone, which has cured me perfectly. I would advise other roubled with either nerve or heart rouble to use Ferrozone also.' No one ever used Ferrozone without lasting benefits. It builds up veak people; nourishes the starved ierves, and tones up the muscles of the heart. Ferrozone is prepared i ablet form, and is simple and con enient to take; it is sure to help you Do not allow an unscrupulous dealer o recommend anything in place of Ferrezone. Get what you ask for. In ist on Ferrozone, which will be mailed o any address, price 50c per box or ix boxes for \$2.50, by N. C. Polson & Co., Kingston, Ont., and Hartford conn., U. S. A.

FOUND DEAD IN BED.

Hamilton, Ont., Feb. 26.-Mrs. hierman, widow of the late James shierman, of Nelson township, was ound dead in bed yesterday. Heart disease is the supposed cause as she was quite well on Wednesday evenwas quite well on Wednesday even-

Should be the beverage of every household. It recommends itself because of its purity and economy, and every one who tries it recommends

LIPTON'S TEA

#### CONTRACTOR OF THE PROPERTY OF A SOWER WENT FORTH TO SOW

Everybody knows the old parable.

It was the good seed sown on good land that brought forth an hundred fold. It's the same story repeated.

What ye Sow,

That shall ye Reap.

SOW STEELE, BRIGGS' SEEDS, and you will reap big crops.

The very best seeds at reasonable prices has always been our aim and has built up our enormous business. Have no hesitancy in buying Steele,

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Cheap Seeds are dear at any price.

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THE STEELE, BRIGGS SEED CO., LIMITED

BRANCH STORE: TORONTO, ONT. WINNIPEG, Man.

COLLAPSE OF A MONSTER &CAFFOLD.

One Man Killed, Another Injured and Many Narrow Escapes.

LITTLE GIANT SEEDER

(By Special C. P. R. Wire.) Chicago, Feb. 26.-One man was killd, another was probably fatally injur- folding. and over a score of workmen had w escapes from being crushed beeath a monster scaffold which colpsed to-day in the centre of new office building. The scaffold was ng directly beneath its dome to the oth floor, a distance of 161 feet. ty-five men were working about he dome at the time of the accident, and for a time it was thought nearly this number had been killed by the falling timbers, but all escaped with the exception of two plasterersfames Byron and Barney McBridewho were standing on the portion of the scaffolding which collapsed. By-

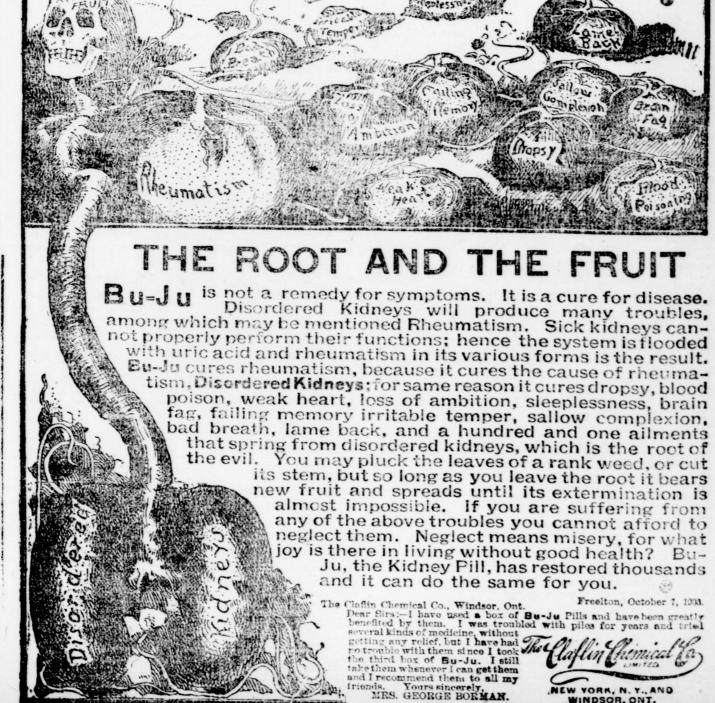
was killed. McBride, who was work ing with Byron, also fell with the caffolding, but he managed to catch hold of one of the floors as he was falling and thus saved his life. His ead was severely cut and bruised and his spine injured. Superintendent Kerr, of the John Peirce Construction Company, declared to-night that the eccident must have been caused by the dropping of a bolt from the scaf-

We want to see you on Saturday. Our good Hats are \$1.00. Spittal.

March Number Four-Track News. An interesting magazine. Only 5

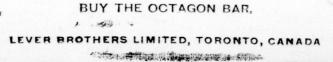
London's leading talent in Grand Musical Evening at Auditorium, Thursday, March 3rd Prices, 25 and

English Instructor-"Do not use the he main floor of the building and ged domicile' do.



Bu-Ju is for sale by all druggists, or will be sent by mail prepaid an receipt of price; 50c per bea B17e-w,s

NEW YORK, N. Y., AND



Sunlight Soap washes dainty fabrics such as

Sunlight Soap may be used in tepid water-

curtains, fine linen and lace curtains beautifully,

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loosens the dirt-dissolves any foreign matter

without attacking the fabric-requires no scrubbing

and warranted superior to any other laundry soap on

injure the most delicate fabric. Use it in your next

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Sunlight Soap contains no free alkali and will not

it leaves them soft and spotlessly clean.

requires no boiling of the clothes.

of the clothes.

the market.

wash.